UPDATED SITE CONCEPTUAL MODEL AND REQUEST FOR LOW RISK CLOSURE

11630-11700 Burke Street
Santa Fe Springs, CA 90670
(RWQCB SCP Case No. 1238)

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Submitted to:
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1.0 INTRODUCTION

This report constitutes an Updated Site Conceptual Model and Request for Low Risk Closure for the real property identified as 11630 - 11700 Burke Street, Santa Fe Springs, Los Angeles County, California 90670 (Site) (see Figure 1). This report summarizes the results of soil, ground water, soil gas, and human health screening evaluations completed at the Site, and includes a request for a low risk closure for the Site. EAI was retained by Mr. Larry Patsouras, the current property owner, to prepare this report.

Assessment efforts associated with the Site are currently being overseen by the California Regional Water Quality Control Board, Los Angeles Region (RWQCB). Mrs. Ann Lin is the RWQCB Case Manager assigned to the Site and the Site Cleanup Program Case Number is 1238.

1.1 BACKGROUND INFORMATION

The Site, approximately 8.5 acres, is identified by the County of Los Angeles as Assessor's Parcel Number 8168-001-008. For reporting purposes the Site has been divided into the "East Parcel" where Mr. Patsouras operates El Greco, a wholesale grocery warehouse, and the "West Parcel" where Talco Plastics formerly operated until 1997 (see Figure 2). All of the former Talco Plastics facilities, except an office building, were removed from the West Parcel of the Site pursuant to permits issued by the City of Santa Fe Springs.

Historically, the Site Mitigation Unit (SMU), Health Hazardous Materials Division, County of Los Angeles Fire Department was initially working on environmental issues associated with the Site. On June 4, 1997, the SMU forwarded a letter to Mr. Jim Ross of the RWQCB transferring the case to the RWQCB due to the presence of chemicals, e.g., tetrachloroethene (PCE) and trichloroethene (TCE) detected in ground water beneath the Site.

1.1.1 Historical Land Use

Globe International, Inc. (Globe), a manufacturer of oil well drilling equipment and tools, occupied the Site beginning in or about 1968. Prior to that time the Site was reportedly undeveloped (see AIG, 1994). Palley Supply Company (Palley), a government surplus order house, occupied the Site beginning in 1973. Max Rouse & Sons, Inc., industrial auctioneers, occupied the East Parcel beginning in 1981, followed by Master Box and Paper Company beginning in 1987, and El Greco in 1997. Talco Plastics occupied the West Parcel between about 1983 and 1997. Talco Plastics was in the business of reprocessing plastic resins, i.e., plastic scrap purchased from various sources was ground and further palletized by extrusion.

In 1970, Globe received a Notice of Violation (NOV) from the Los Angeles County Engineer for discharging of liquid waste to the ground surface. An analysis of the waste discharged indicated high levels of dissolved solids. The waste was the result of steam cleaning and degreasing operations of steel parts prior to painting. Oil and grease in the wastewater were not analyzed at

that time. Subsequently, Globe installed a waste disposal system in which liquid waste flowed out into the sewer after passing through two three-compartment interceptors/clarifiers. Solid sedimentary waste products consisting of chemicals, grease, sand and steel scales estimated at 15-20 cubic feet per month was reportedly pumped from the interceptors/clarifiers and disposed of by private vendors.

In 1978, Palley received a NOV from the City of Santa Fe Springs for discharge of industrial wastewater to the public sewer system. Palley, who was engaged in hydraulic equipment maintenance, was discharging industrial waste from a steam cleaning operation through one or both of the interceptors/clarifiers described above, to the sanitary sewer.

In 1987, the County of Los Angeles Department of Health Services requested a criminal complaint to be filed by the District Attorney's office against Palley. The complaint was associated with the presence of the two subsurface structures (interceptors/clarifiers) consisting of three compartments and each compartment containing a black oily liquid resembling waste oil. Palley ceased these operations in 1987.

In 1988, following overflow of the abandoned clarifiers onto the East Parcel of the Site during a rain storm, the City of Santa Fe Springs Fire Department directed Mr. Palley, the property owner at that time, to properly dispose of the waste contained in the two clarifiers and the approximately twenty 55-gallon drums also containing waste located directly adjacent to the clarifiers. Records indicated that 3,500 gallons of waste liquid were removed from the Site on November 15, 1988. The clarifiers were reportedly subsequently abandoned by filling them with sand and concrete.

2.0 SUMMARY OF PRIOR INVESTIGATIONS

2.1 PHASE I SITE ASSESSMENT

In June 1994 AIG Consultants, Inc. (AIG) completed a Phase I Environmental Site Assessment of the Site (see AIG, 1994). The Site at that time was owned by Mr. William Palley and the West Parcel was occupied by Talco Plastics and the East Parcel contained a warehouse that was vacant (see Figure 2). The purpose of the assessment was to identify any known or potential environmental problems at the Site. Based upon their investigation, AIG concluded that there was evidence of past activity at the Site which may represent environmental risks and/or liabilities, and therefore, AIG recommended that a Phase II investigation be performed to determine the presence or absence of contamination.

2.2 PHASE II SITE ASSESSMENT

In August 1994, Professional Service Industries, Inc. (PSII) completed a Phase II investigation of the Site (see PSII, 1994). Based on review of the AIG Phase I report and a walk-through and inspection of the property, PSII drilled and sampled eight borings (B-1 through B-8) ranging in depth from 4.5 to 35 feet below ground surface (bgs), and four hand auger borings (HA-1 through HA-4) on the Site. See Appendix A for boring logs. These soil sampling locations targeted the following areas of the Site (see Figure 3):

LOCATION	BORING
East Parcel	
- Storage Shed	HA-1
- Ahandoned Clarifiers	B-6, B-7
- Historical Stained Areas	B-1, B-2, B-3, B-4, B-8
West Parcel	
- Clarifiers (Historical Paint/Steam Cleaning Area)	HA-2, HA-3
- Maintenance Shop (Clarifier)	B-5
- Equipment Storage (Stained Area)	HA-4

Soil samples were selectively analyzed for total petroleum hydrocarbons (TPH) by modified EPA Method 8015, volatile organic compounds (VOCs) by EPA Method 8260, and Title 22 metals by EPA Methods 6010/7471. The results of the hydrocarbon testing are summarized on Table 1 and metal testing on Table 2.

For comparison purposes, Table 1 and Tahle 2 include Soil Screening Levels (SSLs) based on use of RWQCB attenuation factor guidance (see RWQCB, 1996A and 1996B), California Human Health Screening Levels (CHHSLs) for residential land use and commercial/industrial land use (see Cal-EPA, 2005), and EPA Region 9 Screening Levels for Chemical Contaminants (SLCCs) at Superfund Sites for residential land use and commercial/industrial land use (see EPA, 2008).

2.3 SUPPLEMENTAL SITE ASSESSMENTS

Supplemental assessments of the Site were completed by EAI in 1994 (see EAI, 1995), 1996 (see EAI, 1997) and 1999 (see EAI, 1999). These investigations included:

- **1994:** Drilling and sampling of borings E-1 through E-17, and installation of ground water monitoring well MW-1. Borings E-1 through E-17 ranged in depth from 10 to 45 feet bgs. Note four attempts were made to advance boring E-13; however, auger refusal was encountered at each location. Ground water was encountered beneath the Site at a depth of about 36 feet bgs, and therefore, well MW-1 was terminated at a depth of 53 feet bgs and slotted between 33 and 53 feet bgs.

- **1996:** Near surface soil sampling locations SS-1, SS-2, SS-3, SS-4 and SS-5, and installation of ground water monitoring well MW-2.

- **1999:** Drilling and sampling of borings S-1 through S-10 (each 10 foot deep) and sample location Pit.

These media sampling locations targeted the following areas of the Site (see Figure 3):

LOCATION	BORING
East Parcel	
- Storage Shed	E-8, E-9, E-11
- Abandoned Clarifiers	E-7, E-14, E-15
- Historical Stained Areas	E-10, E-12, SS-1, SS-2, SS-3, SS-4
West Parcel	
- Underground Storage Tanks	E-1, E-2, E-3, E-4
- Clarifiers (Historical Paint/Steam Cleaning Area)	E-5, E-6, S-3, S-4, S-5, S-6, S-7, S-8, Pit
- Mechanical Pit	E-16
- Maintenance Shop (Clarifier)	E-17, S-1, S-2
- Removed Storm Water Clarifier	S-9, S-10

Selected soil samples were analyzed for TPH as gasoline (TPH-G), as diesel (TPH-D) and as oil (TPH-O) by modified EPA Method 8015M, total recoverable petroleum hydrocarbons (TRPH) by EPA Method 418.1, VOCs by EPA Methods 8020, 8240 and 8260, Title 22 metals, semi-volatile organic compounds (SVOCs) by EPA Method 8270C, and polychlorinated biphenyls (PCBs) by EPA Method 8082. See Table 1 and Table 2 for soil testing results.

Ground water well MW-1 was located in the central area of the Site near the former storage shed and clarifiers, and MW-2 in the northeastern area of the Site (see Figure 3). Based on ground water elevation data for two adjacent properties with known soil and ground water contamination (see Section 4.0) the ground water flow for the area is westerly-southwesterly.

Ground water samples were collected and analyzed for hydrocarbons and Title 22 Metals. Table 3 summarizes the ground water quality data for hydrocarbons and Table 4 for metals.

2.4 REMOVAL OF UNDERGROUND STORAGE TANKS

In April 1998, two USTs (one diesel and one gasoline) were removed from the Site by Advanced GeoEnvironmental, Inc. (AGI) pursuant to a permit issued by the SFSFD. The dispenser (fuel) island and product piping were located directly over the two USTs. Five soil samples were collected from beneath the USTs following removal, i.e., two (B1A and B1B) from beneath the gasoline UST and three (B2A, B2B and B2C) from beneath the diesel UST (see Figure 3). Two samples (SP1 and SP2) of the soil excavated during USTs removal activities were also collected for analysis.

The soil samples collected from beneath the gasoline UST were analyzed for TPH-G, BTEX and MTBE, the samples beneath the diesel UST for TPH-G, TPH-D, BTEX and MTBE, and the stockpiled soil for TPH-G, TPH-D, TRPH, BTEX and MTBE (see AGI, 1998). No chemicals were detected in five soil samples collected from beneath the USTs (see Table 1). TRPH at a maximum concentration of 20 mg/kg was the only chemical detected in the stockpiled soil.

Based on review of AGI, 1998 the SFSFD issued a no further action (NFA) letter for the USTs dated May 1, 1998.

It should be noted that Amnat Environmental & Geotechnical (AEG) completed a Leak Detection Investigation of the USTs in 1995 for the Los Angeles County Department of Public Works. The investigation included the drilling and sampling of six borings, i.e., boring B-1 and B-3 to 40 feet bgs, B-5 and B-6 to 20 feet bgs, and B-2 and B-4 to 5 feet bgs (see AEG, 1995). Fourteen soil samples were analyzed for TPH-G, TPH-D and BTEX. No chemicals were detected in the soil samples analyzed. Note these data are not included on Figure 3 or Table 1.

2.5 REMOVAL OF STORM WATER CLARIFIER

Pursuant to closure authorization issued by the SFSFD on January 7, 1999, the storm water clarifier located west of the office building situated on the West Parcel of the Site was removed. On August 25, 1999, the SFSFD issued a closure certification for the storm water clarifier.

It should be noted that EAI borings S-9 and S-10 were drilled and sampled in February 1999 to assess potential impacts associated with the storm water clarifier (see Figure 3). Soil samples collected from each boring at 10 feet bgs were analyzed for TRPH and VOCs, and no chemicals were detected (see Table 1).

2.6 SOIL REMEDIATION – 2006

In 2006, Biophysics Environmental Assessment, Inc. (BEA) was retained by Mr. Patsouras to excavated impacted soil for two areas on the East Parcel of the Site, i.e., storage shed (EAI Borings E-9 and HA-1) and abandoned clarifier area (EAI Boring B-7). These two areas of the East Parcel were targeted for excavation since prior investigations indicated the presence of hydrocarbons in soil above SSLs (see Table 1).

BEA submitted to the SFSFD a Soil Remediation Work Plan (see BEA, 2006A) and Addendum to Soil Remediation Work Plan (see BEA, 2006B) outlining the soil excavation efforts proposed for the Site. On August 9, 2006 the SFSFD issued a letter approving the Soil Remediation Work Plan as amended.

Between August 16 and 18, 2006, BEA excavated two trenches to approximately 20 feet bgs in areas of the storage shed and abandoned clarifier (see Figure 4). A total of 25 soil samples were collected as part of the excavation efforts, i.e., 12 from the storage shed trench and 13 from the abandoned clarifier area trench. Each soil sample was analyzed for TPH-G, TPH-D, TPH-O and VOCs, including fuel oxygenates, and six soil samples were also analyzed for Title 22 metals (see Table 5).

TPH-G was not detected in any of the 25 soil samples analyzed. TPH-D was detected in four of the 25 soil samples at concentrations ranging between 5.2 mg/kg and 146 mg/kg, and TPH-O in two samples at concentrations of 30J mg/kg (this is an estimated concentration above the method detection limit, but below the laboratory reporting limit) and 180 mg/kg. All of the TPH-D and TPH-O concentrations detected are below their respective SSLs.

Toluene and xylenes were the only VOCs detected in the 25 soil samples analyzed, and both chemicals were detected in only one soil sample, i.e., E9Center@10'. The toluene and xylenes concentrations deteeted are below their respective SSLs.

Several Title 22 metals were detected in the six soil samples analyzed, i.e., arsenic, barium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc. No metals were detected above environmental screening levels established for residential and commercial/industrial land use, except arsenic. Arsenic was detected in all six samples at concentrations ranging between 3.6 mg/kg and 5.8 mg/kg.

On October 6, 2006 the SFSFD issued a letter providing comments on the BEA Soil Remediation Report of Findings (see BEA, 2006C). This letter indicates that no further action will be required by the SFSFD for the two areas excavated by BEA in August 2006. However, the letter identified other non-UST regulated subsurface units that require closure by the SFSFD, before redevelopment can be considered. The closure of these subsurface units is addressed in Section 2.7.

It should be noted that the BEA Soil Remediation Report of Findings does not include any figures depicting the locations of the various soil samples collected by BEA as part of their investigation. Only one figure depicting the excavation areas is included in the BEA report.

2.7 CLOSURE OF SUBSURFACE UNITS – 2009

In February 2009, the five non-UST regulated subsurface units associated with the SFSFD letter dated October 6, 2006 (see Section 2.6) were addressed by EAI pursuant to permits issued by the City of Santa Fe Springs (see EAI, 2009B). The units were identified as (see Figure 5):

Subsurface Unit No.	Identification
1	Abandoned water line
2	Concrete electrical utility box
3	Clarifier
4	Clarifier
5	Clarifier

Media samples were analyzed for TPH-G, TPH-D, VOCs, SVOCs, Title 22 metals, and PCBs. Table 6 summarizes the results of the analytical testing and media sampling locations are depicted on Figure 5. On April 16, 2009 the SFSFD issued a closure letter for the subsurface units (see SFSFD, 2009).

2.8 REMOVAL OF HYDROCARBON IMPACTED SOIL TO A MINIMUM DEPTH OF 13 FEET BGS AND REMOVAL OF SUBSURFACE UNIT 6 - 2010

In February 2010, pursuant to direction from the RWQCB, hydrocarbon impacted soil at the Site was removed to a minimum depth of 13 feet bgs. This depth exceeds the depth of 10 feet bgs that was requested by the RWQCB. This remedial activity removed impacted soil beneath the depth that will be disturbed during grading activities to be conducted for construction of the new warehouse.

During removal of the shallow impacted soil a previously unidentified clarifier was identified. This clarifier was identified as Unit 6 and was removed during remediation efforts requested by the RWQCB (see EAI, 2010). In a letter dated March 18, 2010 the SFSFD issued a closure letter for Unit 6 (see SFSFD, 2010).

2.9 GROUND WATER MONITORING

Ground water has been sampled several times at the Site since 1995. The constituents of concern in soil at the Site, TPH-G, TPH-D, TPH-O, have never been detected in any ground water sample at the Site (see Table 1). Appendix B and Table 7 contain well construction details.

During the April 2010 ground water sampling event, PCE was detected in monitoring well MW-3 at a concentration of 130 µg/L. In EAI's opinion this concentration is not representative of ground water at this location because:

1: There was only about one foot of water in this well when it was gauged.
2: This well could not be purged prior to sampling.
3: The water obtained from this well represents water obtained from the well end cap and may contain condensate from the vadose zone that has collected inside the well casing.

PCE concentrations in wells MW-1D and MW-4 were 16.7 and 11.3 µg/L, respectively. These concentrations are in line with regional ground water concentrations of PCE.

2.10 SOIL GAS SURVEY

On February 23 and 24, 2009, a soil gas survey was conducted to address the presence or absence of VOCs beneath the West Parcel of the Site at depths of 5 and 15 feet bgs. The West Parcel of the Site was divided into 100' by 100' grid segments and soil gas samples collected and analyzed from the approximate center of each grid segment (see Figure 6) (see EAI, 2009C).

Soil gas samples were collected from soil gas probe locations identified as A4 through E5 (see Figure 6). Soil gas samples were analyzed on-site by a mobile laboratory operated by H&P Mobile GeoChemistry (H&P).

The following chemicals were detected in soil gas beneath the Site:

- Propene
- Trichlorofluoromethane (TCFM)
- Acetone
- 1,1-Dichloroethene (1,1-DCE)
- Carbon Disulfide
- 1,1-Dichloroethane (1,1-DCA)
- 2-Butanone (MEK)
- Chloroform
- Benzene
- Carbon Tetrachloride
- Trichloroethene (TCE)
- Toluene
- Tetrachloroethene (PCE)
- Chlorobenzene
- Ethylbenzene
- Xylenes
- 1,2,4-Trimethylbenzene (1,2,4-TMB)
- 1,3,5-Trimethylbenzene (1,3,5-TMB)

Listed below are the frequency of detection and the maximum concentration of each chemical detected at 5 and 15 feet bgs (see Table 8 and Table 9, respectively).

	Maximum Concentration 5 feet bgs (ug/L)	**Detection Frequency 5 feet bgs**		**Maximum Concentration 15 feet bgs** (ug/L)	**Detection Frequency 15 feet bgs**	
Propene	0.23	1/1*	100%	0.021	1/1*	100%
Trichlorofluoromethane	<0.005	0/29	0%	0.011	1/28	3.5%
Acetone	0.32	1/1*	100%	0.55	1/1*	100%
1,1-DCE	<0.005	0/29	(0%	0.0059	1/28	3.5%
Carbon Disulfide	0.036	1/1*	100%	0.001	1/1*	100%
1,1-DCA	<0.005	0/29	0%	0.0058	1/28	3.5%
MEK	0.23	1/1*	100%	0.0091	1/1*	100%
Chloroform	<0.005	0/29	0%	0.15	3/28	11%
Benzene	0.26	9/29	31%	0.16	10/28	36%
Carbon Tetrachloride	<0.005	0/29	0%	0.17	4/28	14%
TCE	0.016	1/29	3%	3.7	21/28	75%
Toluene	0.057	1/29	3%	1.0	2/28	7%
PCE	0.47	16/29	55%	17	28/28	100%
Chlorobenzene	0.009	1/1*	100%	<0.005	0/1*	0%
Ethylbenzene	0.015	1/29	3%	0.65	2/28	7%
Xylenes	0.077	1/29	3%	3.22	2/28	7%
1,2,4-TMB	0.017	1/1*	100%	0.0094	1/1*	100%
1,3,5-TMB	0.0058	1/1*	100%	<0.005	0/1*	0%

* = Chemical included only for samples analyzed by EPA Method TO-15.

Propene, acetone, carbon disulfide, MEK, chlorobenzene, 1,2,4-TMB and 1,3,5-TMB are not included in the list of target chemicals associated with EPA Method 8260B and are only associated with the two confirmation soil gas samples collected in Summa Canisters and analyzed by EPA Method TO-15, i.e., samples E3@5' and D6@15' (see Table 9).

3.0 OFF-SITE IMPACTED PROPERTIES

There are two properties adjacent to the Site that are known to be impacted, i.e., Pilot Chemical Company located at 11756 Burke Street and Phibro-Tech, Inc. located at 8851 Dice Road, as well as regional contamination identified for the area by the Water Replenishment District of Southern California (WRD) (see WRD, 2007).

3.1 PILOT CHEMICAL

This property is about 4.3 acres in size, located immediately east of the Site across the railroad tracks, and was used to manufacture detergent for industrial purposes. Pilot Chemical is an active case being overseen by the RWQCB, Mr. Henry Jones is the Case Manager, and the matter is identified as Case No. 0383, Site ID No. 2041500. Chemicals of concern include both petroleum and chlorinated hydrocarbons.

Ground water monitoring for the Pilot Chemical site is completed on a semi-annual basis. Figure 7 depicts the approximate location of the 11 ground water wells associated with the Pilot Chemical site and Table 10 summarizes the most recent VOC ground water quality data available to EAI, i.e., April 2008 (see PEE, 2008). The ground water flow direction is reported as westerly-southwesterly.

3.2 PHIBRO-TECH, INC.

This property is about 4.8 acres in size, located immediately east-southeast of the Site across the railroad tracks, and receives various hazardous aqueous wastes and recyclable materials primarily from the electronic and aerospace industries and treats these substances to create usable new products. Phibro-Tech, Inc. is an active case being overseen by DTSC and Ms. Kathy San Miguel of the DTSC Cypress Office is the Case Manager.

Ground water monitoring was initiated at the Phibro-Tech, Inc. site over 20 years ago and continues as part of ongoing cleanup efforts. Three types of contaminants have generally been detected in ground water beneath the Phibro-Tech, Inc. site: (a) dissolved metals; (b) non-chlorinated VOCs; and (c) chlorinated VOCs (see IRIS, 2008). Elevated concentrations of dissolved metals such as hexavalent chromium have consistently been detected in the vicinity of Pond 1, a Resource Conservation & Recovery Act (RCRA) regulated former surface impoundment area located in the center of the facility.

There are over 20 ground water monitoring wells associated with the Phibro-Tech, Inc. site. Figure 7 depicts the approximate location of these wells and Table 10 summarizes the most recent VOC ground water quality data available to EAI, i.e., July 2008 (see IRIS, 2008). The ground water flow direction for the upper zone wells, i.e., 45 feet bgs, is reported as southwest. Although not reported on Table 10, hexavalent chromium concentrations for the July 2008 sampling event ranged from 0.0012 mg/L to 11 mg/L. Hexavalent chromium concentrations

were as high as 120 mg/L in 1989 and have fluctuated between non-detect and 33 mg/L since October 2001.

3.3 REGIONAL IMPACT

The WRD, in cooperation with the United States Geological Service (USGS), has completed a ground water contamination study to assess the Central Basin threat of multiple contamination plumes in the area (see WRD, 2007). The Central Basin includes the cities of Whittier and Santa Fe Springs.

Several large scale releases such as the Omega Chemical Corporation facility in Whittier, a federal Superfund Site being overseen by EPA with a ground water plume known to extend over three miles, McKesson Chemical Corporation facility in Santa Fe Springs being overseen by DTSC, and Angeles Chemical Company, Inc. in Santa Fe Springs being overseen by DTSC, have resulted in regional ground water impacts to the area, which includes the Site. The chemicals of concern are PCE (primary chemical of concern), TCE and their breakdown products. TCE is a known breakdown product of PCE. Figure 7 presents the regional ground water flow direction and Figure 8 depicts the regional PCE plume for the WRD Central Basin.

4.0 HUMAN HEALTH SCREENING EVALUATION

Figure 9 presents a Site Conceptual Model.

4.1 SOIL

Table 1, Table 2, Table 5 and Table 6 summarize the results of testing soil samples collected from the Site to date and include SSLs, SLCCs and CHHSLs for screening purposes. SSLs have been developed by the RWQCB for the protection of ground water, and SLCCs by EPA and CHHSLs by Cal-EPA for the protection of human health.

Residential and commercial CHHSLs are applicable to soils that are at the ground surface or could be brought to the ground surface at some time in the future, with subsequent potential exposure by human receptors. A depth of more than three meters (approximately 10 feet) is generally used to delineate "deep" soils that are likely to remain isolated in the subsurface versus "shallow" soils that may be exposed during future redevelopment activities (see Cal-EPA, 1996).

4.1.1 Hydrocarbons

Historical media sampling at the Site for hydrocarbons (see Table 1) did not identify any locations where chemicals were detected above SLCCs or CHHSLs established for residential or commercial land use. Hydrocarbons above SSLs were identified only for sample locations HA-1@2', boring E-9 between 10 feet and 31 feet, boring B-7 between 10 feet and 25 feet, and sample location SS-4@2'.

BEA completed excavation efforts in 2006 covering boring locations E-9 and B-7 (see Figure 4). These efforts removed impacted soil down to about 20 feet at these two locations and confirmation soil samples did not contain any hydrocarbons above SSLs, SLCCs or CHHSLs (see Table 5).

EAI addressed Subsurface Unit No. 1 through Subsurface Unit No. 5 in February 2009 (see Figure 5). Only the soil sample collected from 15 feet bgs associated with Subsurface Unit No. 3 contained a TPH-D concentration which exceeds the SSL standard of 1,000 mg/kg, i.e., TPH-D at 4,940 mg/kg for Sample 4@15'. However, Sample 4@15' did not contain any detectable concentrations of SVOCs or any VOCs above SSLs standards (see Table 6). Elevated concentrations of hydrocarbons were detected in soil Stockpile D, and therefore, this soil will be shipped off-site for processing.

The following lists areas of the Site where hydrocarbons are present in soil above SSLs, but below SLCCs and CHHSLs established for commercial land use:

Year/Sample Location and Depth	Chemicals of Concern (mg/kg)
1994: HA-1@2'	TPH-O@30,000
1994: E-9@25' 1994: E-9@31'	TRPH@15,600 TRPH@10,900
1994: B-7@25'	TPH-O@12,330 and PCE@0.51
1996: SS-4@2'	TPH-G@743 and TPH-D@3,590
2009: Sample 4@15'	TPH-D@4,940

With the exception of locations HA-1 and SS-4, the other three locations (E-9, B-7 and Sample 4) have impacted soils at depths equal to or greater than 15 feet bgs, and therefore, will not be disturbed as part of the future redevelopment (warehouse) proposed for the Site. Further, these three areas are all outside the footprint of the proposed new warehouse building (see Figure 11) and could be addressed at a later date, if necessary. However, given the fact that heavy end petroleum hydrocarbons are the chemical of concern for these three areas, i.e., only PCE was detected at 0.51 mg/kg for sample location B-7@25' and this was in 1994, over 14 years ago and this PCE concentration has since likely been degraded, and the results of the soil gas survey, EAI proposes to leave the deep soils for locations E-9, B-7 and Sample 4 in-place.

With respect to the shallow impacted soils associated with locations HA-1 and SS-4, EAI proposes to excavate and ship these soils off-site for processing (see Section 6.2).

4.1.2 Title 22 Metals

No Title 22 metals, except arsenic, were detected in soil samples above SLCCs or CHHSLs established for commercial land use. Arsenic was detected at concentrations ranging from 0.870 mg/kg to 55 mg/kg. However, metals (including arsenic) are naturally occurring elements typically found in native California soils. Per Department of Toxic Substances Control (DTSC) guidelines (see DTSC, 1999) metals detected at background concentrations or levels determined by DTSC to be safe maybe eliminated as chemicals of concern. DTSC has established 12 mg/kg as a background arsenic concentration for Los Angeles Unified School District (LAUSD) school sites (see DTSC, 2009).

In order to determine the upper 95 percent confidence level (95% UCL) for arsenic detected in soil at the Site, EAI used ProUCL 4.0, a computer program developed by the EPA (see EPA, 2007). See EAI, 2009C for the results of the evaluation which are also summarized below:

Descriptive Statistics	Value
Total Number of Samples	39
Number of Samples below Detection Limit	20 (or 51.28%)
Maximum Detected Concentration of Arsenic	55 mg/kg
Maximum Detection Limit	5.0 mg/kg
Minimum Detection Limit	0.3 mg/kg
95% UCL by EPA Recommended Kaplan-Meier Method	12.99 mg/kg

The 95% UCL arsenic concentration in soil for the Site of 12.99 mg/kg is very close to (within the range of) the 12 mg/kg background concentration determined acceptable by DTSC for LAUSD school sites, i.e., one of DTSC's most sensitive (restrictive) land uses.

The Site is zoned for heavy industrial/manufacturing land use (M-2) and currently is almost completely paved with asphalt and/or concrete or covered by buildings, i.e., only minimal landscaping that fronts the Site exists along Burke Street (see Figure 7). An approximately 108,000 square foot warehouse is proposed for the West Parcel of the Site (see Figure 11) and the remaining area will be paved with asphalt or concrete for parking. Therefore, once redeveloped, there will be no exposure pathway for contact with Site soils. This coupled with the deed restriction that the City will require for the Site (see Section 5.2.7) along with proper contractor notification and monitoring during Site redevelopment will be sufficient to address the arsenic, and therefore, in EAI's opinion, no other actions for arsenic are required.

4.2 SOIL GAS

A human health screening evaluation was completed to determine if the VOCs detected in soil gas beneath the Site at 5 feet bgs and 15 feet bgs are problematic. This screening evaluation for human health effects involves identifying chemicals of concern, evaluating exposure pathways and media of concern, assessing chemical toxicity, and subsequently, characterizing risks. Estimated health risks are based on a calculated dose (i.e., the amount of chemical intake), which integrates exposure parameters for the receptors of concern (e.g., contact rates, exposure frequency and duration), with chemical-specific toxicity criteria (e.g., reference doses and slope factors) and exposure concentrations for the media of concern. The calculated risks are then compared to health-based guidelines developed by the DTSC. For the purpose of this screening evaluation, the potential risks are calculated based on both a hypothetical residential exposure and commercial land-use scenario. The Site is currently zoned for manufacturing/industrial land use.

Exposure to chemicals can only occur if there is a complete pathway by which chemicals in Site soil, water, or air can be contacted by humans. Therefore, the evaluation of exposure pathways and media of concern is the first step in the human health screening evaluation. The results of the human health screening evaluation for indoor air soil gas intrusion are summarized in the risk characterization section.

4.2.1 Chemicals of Concern

The chemicals detected in soil gas beneath the Site at 5 feet bgs, 15 feet bgs, and their maximum concentrations are listed below:

	Maximum Concentration 5 feet bgs (ug/L)	Maximum Concentration 15 feet bgs (ug/L)
Propene	0.23	0.021
Trichlorofluoromethane	<0.005	0.011
Acetone	0.32	0.55
1,1-DCE	<0.005	0.0059
Carbon Disulfide	0.036	0.001
1,1-DCA	<0.005	0.0058
MEK	0.23	0.0091
Chloroform	<0.005	0.15
Benzene	0.26	0.16
Carbon Tetrachloride	<0.005	0.17
TCE	0.016	3.7
Toluene	0.057	1.0
PCE	0.47	17
Chlorobenzene	0.009	<0.005
Ethylbenzene	0.015	0.65
Xylenes	0.077	3.22
1,2,4-TMB	0.017	0.0094
1,3,5-TMB	0.0058	<0.005

4.2.2 Exposure Pathways

Exposure to vapors which may intrude into indoor air was evaluated for the VOCs detected in soil vapor. The Site when developed will be covered almost entirely by a building or paved with asphalt/concrete for parking which precludes the potential for direct contact with soil by future building occupants or visitors. Figure 9 is a Site Conceptual Model of the pathway evaluated by this human health screening evaluation, i.e., exposure to vapors intruded into indoor air. No other exposure pathways were considered.

Exposure to human receptors may occur through infiltration of soil gas into the indoor space. The highest concentrations of individual chemicals detected in soil gas beneath the Site were used for evaluating subsurface gas intrusion into the proposed Site building. To evaluate the health risk, the highest detected concentrations for all of the VOCs detected were input in the DTSC version of SG-Screen Model (see DTSC, 2005).

4.2.3 Exposure Concentrations and Chemicals

Section 5.2.1 summarizes the chemicals detected in soil gas beneath the Site at 5 feet bgs and 15 feet bgs. The health risk calculations were based on using:

- Residential land use scenario and commercial land use scenario.
- Maximum chemical concentrations detected in soil gas as exposure point concentrations.

- Average vapor flow rate into the new building proposed for the Site of 5 liters per minute.

- DTSC model default values for soil physical parameters, e.g., percent moisture content and dry density.

4.2.4 Toxicity Values

The toxicity assessment characterizes the relationship between the magnitude of exposure to chemicals of concern, and the nature and magnitude of adverse health effects that may result from such exposure. For purposes of calculating exposure criteria to be used in risk assessments, adverse health effects are classified into two broad categories, non-carcinogens and carcinogens. Toxicity values/exposure criteria are generally developed based on the threshold approach for non-carcinogenic effects and the non-threshold approach for carcinogenic effects. Toxicity values may be based on epidemiological studies, short-term human studies, and subchronic or chronic animal data.

Toxicity values used in this screening evaluation are from DTSC's Screening Model Lookup tables, except for propene and the inhalation slope factor for ethylbenzene, which are from the Office of Environmental Health Hazard Assessment (OEHHA) toxicity database.

4.2.4.1 Carcinogenic Health Effects

Certain chemicals are regulated as carcinogens based on the likelihood that exposure could cause cancer in humans. Numerical estimates of cancer potency for these chemicals are presented as cancer slope or potency factors. The cancer potency factor defines the cancer risk due to constant lifetime exposure to one unit of a carcinogen (units of risk per $[ug/m^3]^{-1}$). Cancer potency factors are derived by calculating the 95% UCL on the slope of the linearized portion of the dose-response curve using the multistage cancer model on study data. Use of the 95% UCL of the slope means that there is only a 5 percent chance that the probability of a response could be greater than the estimated value for the experimental data used. This is a conservative approach and may overestimate the actual risk given that the actual risk is expected to be between zero and the calculated value. Carcinogenicity potency factors assume no threshold for effect, i.e., all exposures to a chemical are assumed to be associated with some risk, i.e., there is no threshold below which the risk is negligible or unlikely. If there are thresholds for carcinogenicity, the true risks could be zero at sufficiently low doses. Table 11 presents the cancer potency factors used in this health risk assessment.

4.2.4.2 Non-Carcinogenic Health Effects

A range of exposures is assumed to exist from zero to some finite value (a threshold) that can be tolerated by the organism without appreciable risk of an adverse health effect occurring for the purposes of assessing risks associated with non-carcinogenic effects.

Non-carcinogenic health effects were evaluated using reference concentrations (RfCs) developed by the EPA. The RfC is a health-based criterion based on the assumption that thresholds exist for non-carcinogenic toxic effects (e.g., lung or liver damage). In general, the RfC is an estimate (with uncertainty spanning perhaps an order of magnitude) of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious health effects during a lifetime of exposure. RfCs are expressed as acceptable daily doses in mg/m^3. Table 11 presents the RfCs used in this health risk assessment.

4.2.5 Risk Characterization Summary

Risk characterization integrates the quantitative and qualitative results of data evaluation, exposure, and toxicity assessments. The purpose is to estimate the likelihood, incidence, and nature of potential human health effects to defined receptor populations that may occur as a result of exposure to the chemicals of concern at the Site.

A total of 18 VOCs were identified in soil gas samples collected from the Site (see Section 5.2.1). Table 12 summarizes the chemical specific cancer and non-cancer risks for the Site based on soil gas data from 5 feet bgs, and Table 13 for soil gas data from 15 feet bgs.

4.2.5.1 Carcinogenic Risks

Carcinogenic risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1×10^{-6} (one per million) refers to an upper-bound increased chance of one person developing cancer assuming one million people are exposed. The potential increase in cancer risk from exposure to chemicals detected in soil gas is in addition to a background risk of developing cancer. The background cancer risk is about one in three (0.33) for every American female, and one in two (0.5) for every American male of eventually developing cancer (see ACS, 1997). A cancer risk of one per million or less is typically considered acceptable for a residential land use scenario and 10 per million or less acceptable for a commercial land use scenario.

The results of the cancer risk calculations for the air exposure pathway, using the air concentrations derived from the DTSC SG-Screen Model (see EAI, 2009C), are provided in Table 12 and Table 13. The cancer risks associated with hypothetical residential exposures and commercial exposures are:

Soil Gas Depth	Residential	Commercial
5 feet bgs	3.8E-06 or 3.8 per million	2.3E-06 or 2.3 per million
15 feet bgs	1.6E-05 or 16 per million	9.8E-06 or 9.8 per million

It should be noted that PCE accounts for approximately 81% of the risk associated with soil gas data from 15 feet bgs (see Table 13), and PCE is the only chemical detected in all 28 soil gas samples collected from 15 feet bgs and was detected only in 16 of the 29 soil gas samples collected (55%) from 5 feet bgs (see Section 3.3). The presence of PCE in soil gas appears to be primarily the result of volatilization from the regionally contaminated ground water which is

evidenced by higher concentration and frequency of detection at 15 feet bgs versus lower concentration and frequency of detection at 5 feet bgs, due to an upward diffusion process governed by Fick's law.

Another methodology that can be utilized to calculate risks is use of the 95% UCL for all chemicals detected as exposure point concentrations. However, with the exception of PCE in soil gas at 15 feet bgs, the frequency of detection for all other chemicals detected at 5 feet bgs and 15 feet bgs is insufficient to calculate the 95% UCL (see Section 3.3). However, if you use the upper 95% UCL for PCE detected in soil gas at 15 feet bgs, i.e., 8.123 ug/L (see EAI, 2009C), instead of the maximum concentration of 17 ug/L, along with the maximum concentrations for all other chemicals detected at 15 feet bgs, reduces the residential risk from 16 per million to 9.5 per million and the commercial risk from 9.8 per million to 5.6 per million (see Table 14).

4.2.5.2 Non-Carcinogenic Health Hazards

The potential for noncarcinogenic effects due to exposure to a particular chemical is expressed as the hazard quotient. A hazard quotient is the ratio of the estimated intake or average daily dose of a chemical to the corresponding chemical-specific toxicity value or RfC. The hazard quotients are then compared to an acceptable hazard level. Implicit in the hazard quotient is the assumption of a threshold level of exposure below which no adverse effects are expected to occur. If the hazard quotient exceeds 1.0 (i.e., site specific exposures would exceed the RfC), then the potential for non-carcinogenic adverse effects may exist. Hazard quotients less than 1.0 indicate that no adverse health effects are expected to occur from exposure to chemicals of concern at the Site.

The hazard index associated with hypothetical residential exposures and commercial exposures are (see Table 12, Table 13 and EAI, 2009C):

Soil Gas Depth	Residential	Commercial
5 feet bgs	1.5E-02 or 0.015	1.4E-02 or 0.014
15 feet bgs	1.7E-01 or 0.17	1.0E-01 or 0.1

4.2.6 Uncertainty Analysis

The purpose of a risk assessment is not to predict the actual risk of exposure to an individual. Risk assessments are a management tool for developing conservative estimates of health hazards that are unlikely to underestimate the true risk for potentially exposed populations. The numerical estimates in a risk assessment have associated uncertainties reflecting the limitations in available knowledge about site concentrations, exposure assumptions (e.g., exposure concentrations, intake rates) and chemical toxicity. Where information is incomplete, conservative assumptions (assumptions that err on being overprotective) are made. The greater the uncertainty, the more conservative are the assumptions, in an attempt to be protective of public health. In other words, although calculations of exposure often must be simplified to a few pathways or subgroups within a population, the simplifying assumptions should be more

likely to overestimate than underestimate risk so that public health is protected regardless of the other unknown conditions. Even when actual characteristics of a population are known, assumptions on exposure are often biased toward producing over protective rather than under protective health risk estimates for most of the population.

Risk assessment procedures are thus designed to result in a conservative estimate of risk in order to be protective of the majority of the population and to compensate for uncertainties inherent in estimating exposure and toxicity.

Both the carcinogenic and hazard risks were based upon the maximum detected concentration of the chemicals of concern from a single sample point. If a site-wide average of the detected values for the chemicals of concern were used in determining the carcinogenic and hazard risks, the results of the risk assessment would be considerably lower.

In summary, every aspect of the risk assessment contains multiple sources of uncertainty. Simplifying assumptions are made so that health risks can be estimated quantitatively. Because the exact amount of uncertainty cannot be quantified, the risk assessment is intended to overestimate rather than underestimate probable risk. The results of the assessment therefore, are likely to be protective of health despite the inherent uncertainties in the process.

In a letter dated July 27, 2009, the Office of Environmental Health Hazard Assessment (OEHHA) (see OEHHA, 2009) concurred with the above health risk and hazard assessment to future residents and workers from vapor intrusion and concluded that the data were reliable and within an acceptable range for risk management. In a letter dated October 22, 2009, the RWQCB concurred with the OEHHA assessment of the vapor intrusion risk but determined that a land use restriction was necessary (RWQCB, 2009). The deed restriction has been prepared and is under review by the RWQCB.

4.2.7 Conclusions

A total of 18 VOCs were detected in soil gas samples collected from beneath the Site. A human health screening evaluation was completed using the maximum concentrations of chemicals detected in soil gas at 5 feet bgs and 15 feet bgs as exposure point concentrations. The results of the risk assessment indicate an incremental cancer risk below 10 per million which is typically considered acceptable for commercial development. The hazard quotient is also below the threshold level of 1.0.

Because the incremental cancer risk is above the one per million standard typically considered acceptable for residential development, but below the 10 per million standard typically considered acceptable for commercial/industrial development, the City of Santa Fe Springs has indicated to the property owner that a deed restriction will be required for the Site. The deed restriction will limit development at the Site to industrial, commercial or office space, and preclude residences for human habitation, hospitals, schools for persons under 21 years of age, and day care centers for children or senior citizens.

5.0 DISCUSSION AND REQUEST FOR LOW RISK CLOSURE

5.1 SOIL ANALYSIS

Soil and soil gas surveys have identified three small areas on the eastern side of the West Parcel with residual hydrocarbon impacted soil (see Figures 10 and 11). At the direction of the RWQCB, shallower impacted soil at the Site was removed in February 2010 (see Section 2.8) down to a minimum depth of 13 feet bgs. Currently residual hydrocarbons extend to a maximum depth of approximately 31 feet (boring E-9@30-31'). This sample was obtained in 1994 and was at a concentration of 10,900 mg/kg TRPH. A soil sample obtained from this same boring was collected at a depth of 15-16 feet bgs and analyzed for carbon chain breakdown (see Figure 12). The carbon chain breakdown data indicate that the release at this Site is heavy oil with some heavy end diesel range hydrocarbons. This analysis is consistent with TPH analytical data for the Site which indicate that the residual hydrocarbons may generally be characterized as TPH-O (see Table 1).

There are only three residual TPH-D sample point locations remaining at the Site that are above SSLs, i.e., Sample 4 at 15' at 4,940 mg/kg, B-7Ad20 at 3,400 mg/kg, and B-7B@13' at 3.040 mg/kg. Furthermore there are only three residual TPH-O sample point locations remaining at the Site above SSLs, i.e., B-7@25' at 12,300 mg/kg, B-7A@20' at 12,300 mg/kg, and B-7B@13' at 12,600 mg/kg. Concentrations at these three sample points are barley above the SSLs for TPH-O of 10,000 mg/kg. Two residual samples, E-9@20-21' and E-9@30-31', analyzed as TRPH contained concentrations of 15,600 and 10,900 mg/kg, respectively.

Gasoline range hydrocarbons have been detected only three times at the Site. The two highest TPH-G concentrations (SS-4@2', 743 mg/kg and Stockpile D, 427 mg/kg) have been removed, leaving only Sample 4@15' at 12.4 mg/kg.

Residual hydrocarbons have been identified at the Site at a maximum depth of 31 feet bgs. Ground water at the Site was last measured at a depth of approximately 68 feet bgs making a total of 37 feet of clean material between the residual hydrocarbons and the water table. In EAI's opinion these residual hydrocarbons in soil do not represent a threat to human health or the environment.

5.2 GROUND WATER ANALYSIS

TPH-G, TPH-D, and TPH-O have never been identified in ground water at the Site. Chlorinated compounds are not generally identified in soil at the Site but are present in ground water at concentrations that are consistent with the regional impact to ground water (see Section 3.0). In EAI's opinion the chlorinated compounds detected in ground water at the Site are not the result of former site activities.

5.3 REQUEST FOR LOW RISK CLOSURE

At the Site, only three small areas remain that contain residual hydrocarbon concentrations above SSLs. These three areas have been excavated and removed down to a minimum depth of 13 feet bgs. It is anticipated that during construction of the new warehouse at the Site, grading activities will only extend to a depth of 5 feet bgs. Thus construction workers will not be exposed to or disturb the residual hydrocarbons.

Very few VOCs have been identified in site soils. Therefore, VOCs are not considered to represent a threat to human health or the environment.

OEHHA has reviewed the soil gas survey and has concluded that the risk and hazard estimates are reliable and can support risk management decisions (see OEHHA, 2009). In a letter dated October 22, 2009, the RWQCB concurred with the OEHHA assessment of the vapor intrusion risk but determined that a land use restriction was necessary (RWQCB, 2009). The deed restriction has been prepared and is under review by the RWQCB.

Elevated concentrations of arsenic were identified in site soils. An approximately 108,000 square foot warehouse is proposed for the West Parcel of the Site and the remaining area will be paved with asphalt or concrete for parking. Since the area will be capped with a building and paved with concrete or asphalt, soil-related pathways are incomplete and OEHHA (see OEHHA, 2009) has indicated that the issue of Chemicals of Potential Concern in soil becomes moot.

The concrete and asphalt cap at the Site, consisting of the building and pavement, will greatly restrict precipitation from entering Site soils and impacting ground water.

Hydrocarbon impacted soil was initially identified to a depth of 31 feet bgs in boring E-9@30-31' in 1994. Borings B-7A, E-9A, and Sample 4A were drilled in the same area in 2009 to a total depth of 70 feet bgs and only identified hydrocarbon impacted soil to a maximum depth of 20 feet bgs. These data indicate that during the 15 year intervening year period, hydrocarbons have not migrated downward.

For the above reasons, it is EAI's opinion that the deed restriction and capping of the Site will adequately protect human health and the environment.

Therefore on behalf of Larry Patsouras, EAI requests that the Site be granted a low risk closure.

6.0 LIMITATION

Our professional services have been performed using that degree of knowledge, diligence, care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at this time. EAI assumes that information provided by third parties is true, accurate and reliable. This report has been prepared for Mr. Larry Patsouras. Use of this report by any other party shall be at such party's sole risk. The findings and conclusions contained in this report are based on information contained and/or referenced herein, and our best judgment. No other warranty, expressed or implied, is made as to the professional advice contained in this report.

Respectfully submitted,

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TABLES

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
WEST PARCEL - UNDERGROUND STORAGE TANKS																									
EAI	E-1@4-6'	11/29/94	<10	<10	NA	<5	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@9-11'	11/29/94	<10	<10	NA	22	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@14-16'	11/29/94	<10	<10	NA	32	<0.005	0.0481	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@19-21'	11/29/94	<10	<10	NA	9	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@24-26'	11/29/94	<10	<10	NA	15	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AGI	B1A@14.5'	03/24/98	<0.5	NA	NA	NA	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
USTs Removal Samples	B1B@14.5'	03/24/98	<0.5	NA	NA	NA	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2A@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2B@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2C@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WEST PARCEL - CLARIFIERS (Historical Paint/Steam Cleaning Areas)																									
PSII	HA-2@10'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0056J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	0.0033	<0.0013	<0.0013
	HA-3@4.5'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.003J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
EAI	E-5@4-6'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@9-11'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@14-16'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@19-21'	11/29/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@4-6'	11/29/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@9-11'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@14-16'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@19-21'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@24-26'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAI	S-3@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-4@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-5@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-6@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-7@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-8@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	Pit@6'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
WEST PARCEL - MECHANICAL PIT																									
EAI	E-16@5'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-16@10'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
WEST PARCEL - MAINTENANCE SHOP (Clarifier)																									
PSII	B-5@4'	08/03/94	<3	<3	11.7	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0064	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
EAI	E-17@5'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@10'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@15'	12/01/94	NA	NA	NA	6	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@20'	12/01/94	<10	<10	<10	98	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAI	S-1@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-2@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
WEST PARCEL - EQUIPMENT STORAGE (Stained Area)																									
PSII	HA-4@2'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0021J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
WEST PARCEL - REMOVED STORM WATER CLARIFIER																									
EAI	S-9@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-10@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
WEST PARCEL - WELLS MW-3 AND MW-4																									
EAI	MW-3d10	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-3d20	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-3d30	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-3d40	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-3d50	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-3d60	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d10	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d20	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d30	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d40	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d55	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-4d65	06/30/09	<0.1	<10	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
WEST PARCEL - SITE ASSESSMENT SAMPLES (December 2009)																									
EAI	D-4d5	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d10	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d15	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d20	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d25	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d30	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d35	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d40	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d45	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d50	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d55	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d60	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d65	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	D-4d70	12/07/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
EAI	B-2d5	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d10	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d15	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d20	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d25	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d30	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d35	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d40	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d45	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d50	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d55	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d60	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d65	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-2d70	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
EAI	B-3d5	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d10	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d15	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d20	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d25	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d30	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d35	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d40	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d45	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d50	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d55	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d60	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d65	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-3d70	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
EAI	C-3d5	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d10	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d15	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d20	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d25	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d30	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d35	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d40	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d45	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d50	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d55	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d60	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d65	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	C-3d70	12/08/09	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MAXIMUM		**ND**	**ND**	**11.7**	**98**	**ND**	**0.0481**	**ND**	**ND**	**ND**	**ND**	**0.0064**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**0.0033**	**ND**	**ND**

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
EAST PARCEL - STORAGE SHED																									
PSII	HA-1@2'	08/03/94	<3,000	<3,000	*30,000*	NA	<0.0013	<0.0013	<0.0013	<0.0013	0.0011J	<0.0013	<0.0013	0.1	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0075	<0.0013	<0.0013	<0.0013
EAI	E-8@5-6'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@5-6'	11/30/94	NA	NA	NA	1,350	<0.005	0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@10-11'	11/30/94	NA	NA	NA	18,900	1.45	3.37	0.384	<0.005	0.061	0.033	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@15-16'	11/30/94	NA	NA	NA	33,000	1.09	2.61	0.287	<0.005	0.023	0.042	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@20-21'	11/30/94	NA	NA	NA	16,500	0.017	0.0625	0.0075	<0.005	0.059	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@24-25'	11/30/94	NA	NA	NA	*15,600*	<0.005	<0.01	<0.005	<0.005	0.092	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@30-31'	11/30/94	NA	NA	NA	*10,900*	<0.005	<0.01	<0.005	<0.005	0.104	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-11@5-6'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-11@10-11'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-11@15-16'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAST PARCEL - ABANDONED CLARIFIERS																									
PSII	B-6@10'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0071	0.0091J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@10'	08/04/94	<3,000	<3,000	31,300	NA	<0.0013	<0.0013	<0.0013	<0.0013	0.0027J	0.27	0.0043J	0.24	<0.0013	0.520	<0.0013	0.150	0.190	0.570	0.22	<0.0026	<0.0013	1.6	0.230
	B-7@15'	08/04/94	<300	<300	12,330	NA	<0.0013	<0.0013	<0.0013	<0.0013	0.27	0.0061	0.0018	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@20'	08/04/94	NA	NA	NA	NA	0.0028J	<0.0013	<0.0013	<0.0013	0.47	0.0082	0.0016	<0.0026	0.0039J	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@25'	08/04/94	<300	<300	*12,330*	NA	<0.0013	<0.0013	<0.0013	<0.0013	*0.51*	0.0082	0.0016	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@35'	08/04/94	<3	<3	11.7	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0063	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
EAI	E-7@0-1'	11/30/94	NA	NA	NA	2,710	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@7-8'	11/30/94	NA	NA	NA	82	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@23-24'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@31-32'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@39-40'	11/30/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@44-45'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAI	E-14@5'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@10'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@15'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@20'	12/01/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@25'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@30'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@35'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@40'	12/01/94	NA	NA	NA	25	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@45'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@5'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@10'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@15'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@20'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@25'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@30'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@35'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@40'	12/01/94	NA	NA	NA	6	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@45'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAST PARCEL - HISTORICAL STAINED AREAS																									
PSII	B-1@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.014	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-2@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0053J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-3@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0098	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-4@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0091	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-8@2'	08/04/94	<60	<60	1,440	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0038J	0.14	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.027	<0.0013	<0.0013	<0.0013

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	**Samples ID**	**Date**	**TPH-G**	**TPH-D**	**TPH-O**	**TRPH**	**Toluene**	**Xylenes**	**Ethyl benzene**	**Isopropyl-benzene**	**PCE**	**TCE**	**Methylene Chloride**	**Acetone**	**TCFM**	**n-Butyl benzene**	**sec-Butyl benzene**	**n-Propyl benzene**	**Naphthalene**	**p-Isopropyl toluene**	**sec-Butyl benzene**	**MEK**	**1,2,3-TCP**	**1,2,4-TMB**	**1,3,5-TMB**
EAI	E-10@5-6'	11/30/94	NA	NA	NA	10	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@5-6'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAI	SS-4@2' [a]	12/23/96	*743*	*3,590*	3,971	7,530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
EAST PARCEL - EXCAVATION SOIL SAMPLES																									
EAI	Sample 2@6'	02/10/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 3@10'	02/10/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 4@15'	02/10/09	12.4	4,940	7,100	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	0.071	<0.005	0.027	0.015	0.007	0.021	0.011	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 5@5'	02/10/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 6@4'	02/10/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 7@4'	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 8@9'	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 9@4'	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 10@9'	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Sample 11@4'	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
EAST PARCEL - SEDIMENT																									
EAI	Sediment	02/11/09	<0.1	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
EAST PARCEL - STOCKPILE SOIL SAMPLES																									
	ESP-1	01/28/09	<0.100	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	ESP-2	01/28/09	<0.100	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Stockpile C	02/11/09	<0.100	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005
	Stockpile D	02/11/09	527	7,960	8,000	NA	2.31	<0.01	0.884	0.610	<0.005	<0.005	8.27	<0.020	<0.005	3.53	2.25	2.03	4.31	3.73	<0.005	<0.005	<0.020	<0.005	4.51
EAST PARCEL - SITE ASSESSMENT SAMPLES (December 2009)																									
	B-7Ad5	12/07/09	<10	94.9	198	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad10	12/07/09	<5,000	16,800	48,300	NA	1.07	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	1.60	<1.0
	B-7Ad15	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad20	12/07/09	<500	3,400	12,300	NA	<0.005	<0.01	<0.005	<0.005	0.043	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad25	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad30	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad35	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad40	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad45	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad50	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad55	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad60	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad65	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7Ad70	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
EAI	MW-1Ad60	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-1Ad65	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	MW-1Ad70	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																	
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
EAI	E-9Ad5	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad10	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad15	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad20	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad25	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad30	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad35	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad40	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad45	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad50	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad55	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad60	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad65	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	E-9Ad70	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
EAI	Sample 4Ad5	12/07/09	<10	14.4	65.1	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad10	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad15	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad20	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad25	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad30	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad35	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad40	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad45	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad50	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad55	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad60	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad65	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	Sample 4Ad70	12/07/09	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
EAST PARCEL - REMEDIATION SAMPLES (February 2010)																									
EAI	HA-1B@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HA-1N@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HA-1S@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HA-1E@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HA-1W@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-4B@4'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-4S@3'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-4E@3'	02/22/10	<10	<10	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-SW@3'	02/22/10	<10	<10	73.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B-7N@6 [b]	02/22/10	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7S@8' [b]	02/22/10	<10	18.9	69.7	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7E@7' [b]	02/22/10	<10	48.1	127	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	B-7B@13' [b]	02/22/10	<10	3,040	12,600	NA	<0.005	<0.01	<0.005	<0.005	0.010	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	CN@8' [b]	02/22/10	<10	13.0	227	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	CE@8' [b]	02/22/10	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	CW@9' [b]	02/22/10	<10	632	2,300	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	CBE@12' [b]	02/22/10	<10	<10	<50	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
	CBW@15' [b]	02/22/10	<10	562	3,340	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005
MAXIMUM			**743**	**16,800**	**48,300**	**33,000**	**2.31**	**3.37**	**0.884**	**0.61**	**0.51**	**0.27**	**8.27**	**0.24**	**ND**	**3.53**	**2.25**	**2.03**	**4.31**	**3.73**	**0.22**	**0.027**	**ND**	**1.6**	**4.51**
SSL			500	1,000	10,000	10,000	0.45	5.25	0.9	NE	0.15	0.15	NE	NE	0.45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R			NE	NE	NE	NE	5,000	600	5.7	2,200	0.57	2.8	11	61,000	800	NE	NE	NE	3.9	NE	NE	28,000	0.091	67	47
SLCC-I			NE	NE	NE	NE	46,000	2,600	29	11,000	2.7	14	54	610,000	3,400	NE	NE	NE	20	NE	NE	190,000	0	280	200
CHHSL-R			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CHHSL-I			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

TABLE 1
HISTORICAL (1994 - 2010) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(418.1)	(8020/8240/8260B)																
Firm	Samples ID	Date	TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	Isopropyl-benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB

Only those VOCs detected are listed
< = Not detected at laboratory reporting limit listed
NA = Not analyzed for this chemical
ND = Not detected
NE = Not established
(a) = Sample was also analyzed for PCBs and SVOCs. No PCBs or SVOCs were detected
(b) = Sample was also analyzed for SVOCs. No SVOCs were detected
SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)
SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)
SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)
CHHSL-R = Cal-EPA - "California Human Healtb Screeing Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)
CHHSL-I = Cal-EPA - "California Human Health Screeing Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)
J = Estimated concentration
0.27 = Concentration detected exceeds SSL. However, soil was excavated as part of the remediation efforts completed by BEA in 2006
0.51 = Concentration detected exceeds SSL

TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-O = Total Petroleum Hydrocarbons as Oil
TRPH = Total Recoverable Petroleum Hydrocarbons

TCE = Trichloroethene
PCE = Tetrachloroethene
TCFM = Trichlorofluoromethane
MEK = Methyl Ethyl Ketone (2-Butanone)

1,2,3-TCP = 1,2,3-Trichloropropane
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene

TABLE 2
HISTORICAL (1994 - 2009) SOIL TESTING RESULTS - TITLE 22 METALS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WEST PARCEL - CLARIFIERS (Historical Paint/Steam Cleaning Areas)																			
PSII	HA-2@10'	08/04/94	<4	<4	117	0.8	<0.2	28.7	14.4	28.1	19	<0.002	<0.4	<0.7	<3.5	<0.3	<10	51.7	58.7
	HA-3@4.5'	08/04/94	<4	<4	191	1.1	<0.2	40.8	17.8	31.1	26	0.05	1.9	23.4	<3.5	<0.3	<10	65.9	121
WEST PARCEL - MAINTENANCE SHOP																			
PSII	B-5@4'	08/03/94	<4	32	119	0.7	<0.2	21.6	12.2	18.5	15	<0.02	<0.4	14.8	<3.5	<0.3	<10	41.4	46.4
WEST PARCEL - EQUIPMENT STORAGE (Stained Area)																			
PSII	HA-4@2'	08/04/94	<4	<4	112	0.8	<0.2	24	13.1	17.2	16	<0.02	<0.4	14.7	<3.5	<0.3	<10	46.3	51
EAST PARCEL - STORAGE SHED																			
PSII	HA-1@2'	08/03/94	<4	<4	111	0.6	<0.2	26.8	12.6	18.1	28	0.02	<0.4	13.1	<3.5	<0.3	<10	31.1	56.4
EAST PARCEL - ABANDONED CLARIFIERS																			
PSII	B-6@10'	08/03/94	<4	43	224	0.8	<0.2	36.6	17.4	31.5	26	0.04	<0.4	24.5	<3.5	0.4	<10	62.1	66.7
	B-7@10'	08/04/94	<4	29	193	0.7	<0.2	30.7	15.4	39.1	22	<0.02	<0.4	22.9	<3.5	<0.3	<10	47.5	87.6
	B-7@15'	08/04/94	<4	<4	54.9	0.4	<0.2	9.4	5.3	12.1	<3	<0.02	<0.4	7	<3.5	<0.3	<10	18.8	27.2
	B-7@25'	08/04/94	<4	<4	43.2	0.2	<0.2	7.8	4.4	15	6	<0.02	<0.4	6	<3.5	<0.3	<10	16.7	27
	B-7@35'	08/04/94	<4	50	188	0.9	<0.2	30.4	19.4	44.4	27	0.09	<0.4	25.5	<3.5	0.3	<10	67.9	83.2
EAST PARCEL - HISTORICAL STAINED AREAS																			
PSII	B-1@2'	08/03/94	<4	50	259	1.1	<0.2	45	21.9	50.4	31	0.02	2.4	32.2	<3.5	<0.3	<10	79.8	78.2
	B-2@2'	08/03/94	<4	<4	136	5.6	<0.2	<0.2	12.4	21.6	12	<0.002	<0.4	<0.7	<3.5	<0.3	<10	42.5	53.1
	B-3@2'	08/03/94	<4	45	127	1.1	<0.2	39.5	19.1	30.4	30	<0.002	2.1	25.8	<3.5	<0.3	<10	75.1	74.9
	B-4@2'	08/03/94	<4	19	111	0.6	<0.2	18.3	7	17.5	14	0.02	1.5	10.4	<3.5	<0.3	<10	32.5	40
	B-8@2'	08/04/94	<4	<4	148	0.6	1	71.1	*46.2*	113	47	0.05	36.8	100	<3.5	<0.3	<10	36.4	85.3
EAI	SS-1@3"	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-2@3"	12/23/96	<6	<5	77.3	<0.6	*1.9*	12.8	4.7	13.5	<6	<0.25	<2.5	6	<8	<2.5	<8	24.7	27
	SS-3@3"	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-5@1'-2'	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BEA REMEDIATION AUGUST 2006																			
BEA	B-7@5'	08/16/06	<2	5.8	200	<2	<2	62	17	17	7.6	<0.05	<2	29	<0.5	<2	<2	105	80
	B-7West@5'	08/16/06	<2	4.7	170	<2	<2	53	14	15	6.4	<0.05	<2	24	<0.5	<2	<2	86	70
	B-7East@5'	08/16/06	<2	5.6	163	<2	<2	46	11	17	6.1	<0.05	<2	22	<0.5	<2	<2	81	61
	E-9West@5'	08/17/06	<2	4.0	159	<2	<2	43	22	47	46	<0.05	3.3	52	<0.5	<2	<2	87	101
	E-9Center@5'	08/17/06	<2	3.9	118	<2	<2	18	12	16	6.3	<0.05	<2	17	<0.5	<2	<2	77	54
	E-9East@5'	08/17/06	<2	3.6	115	<2	<2	20	14	37	16	<0.05	13	97	<0.5	<2	<2	64	69
SUBSURFACE UNITS SOIL TESTING RESULTS - TITLE 22 METALS																			
EAI	Sample 2@6'	2/10/2009	<1	3.92	160	<0.5	<0.5	26	9	24	5	<0.01	<5.0	20	<1.0	<1.0	<1.0	50	52
	Sample 3@10'	2/10/2009	<1	2.85	176	<0.5	<0.5	28	10	26	6	<0.01	<5.0	22	<1.0	<1.0	<1.0	52	57
	Sample 4@15'	2/10/2009	<1	1.54	99	<0.5	<0.5	15	5	16	2	<0.01	<5.0	12	<1.0	<1.0	<1.0	29	38
	Sample 5@5'	2/10/2009	<1	0.87	144	<0.5	<0.5	23	7	15	3	<0.01	<5.0	16	<1.0	<1.0	<1.0	40	51
	MAXIMUM		**ND**	**55**	**259**	**5.6**	**1.9**	**71.1**	**46.2**	**113**	**47**	**0.09**	**36.8**	**100**	**0**	**0.4**	**0**	**105**	**121**

SSL	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R	31	0.39	15,000	160	70	120,000	23	3,100	400	23	390	1,600	390	390	5.1	390	23,000
SLCC-I	410	1.6	190,000	2,000	810	150,000	300	41,000	800	310	5,100	20,000	5,100	5,100	66	5,200	310,000
CHHSL-R	30	0.07	5,200	150	1.7	100,000	660	3,000	150	18	380	1,600	380	380	5.0	530	23,000
CHHSL-I	380	0.24	63,000	1,700	7.5	100,000	3,200	38,000	3,500	180	4,800	16,000	4,800	4,800	63	6,700	100,000

TABLE 2
HISTORICAL (1994 - 2009) SOIL TESTING RESULTS - TITLE 22 METALS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

NOTES:

< = Not detected at laboratory reporting limit listed
NA = Not analyzed for this chemical
NE = Not established
SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)
SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)
SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)
CHHSL-R = Cal-EPA - "California Human Health Screeing Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)
CHHSL-I = Cal-EPA - "California Human Health Screeing Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)
32 = Concentration detected exceeds SLCC-R, SLCC-I, CHHSL-R and CHHSL-I standards
46.2 = Concentration detected exceeds SLCC-R and/or CHHSL-R standards, but is below SLCC-I and CHHSL-I standards

TABLE 3
SUMMARY OF GROUND WATER ELEVATION AND TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Well	Date	Well Casing Elevation (feet MSL)	Depth to Ground Water (feet bgs)	Ground Water Elevation (feet MSL)	TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Chloroform	Carbon Tetra-chloride	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	PCE	TCE
MW-1	10/05/95	152.83	35.83	117.00	NA	NA	NA	<1	<2	1.9	<1	<1	<1	1.4	<1	<1	2.2	15	7.4
	01/13/97		38.33	114.50	NA	NA	NA	1.9	2.7	4.5	1.8	<0.5	<0.5	1.3	<0.5	0.5	4.3	92	11.4
	02/19/09		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/14/09	155.19*	DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/09		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			On December 7, 2009 well MW-1 was abandoned and replaced by well MW-1D																
MW-1D	01/04/10	154.93	74.72	80.21	<50	<500	NA	<1	<2	1.74	1.03	<1	<1	<1	<1	<1	<1	6.07	3.86
	04/26/10		68.29	86.64	<50	<500	NA	<1	<2	16.3	8.68	<1	<1	<1	<1	<1	<1	16.7	7.92
MW-2	01/13/97	149.66	32.14	117.52	NA	NA	NA	<0.5	<1.0	1.5	<0.5	<0.5	<0.5	7.9	1.3	<0.5	33.2	296	4.5
	02/19/09		39.70	109.96	<50	<500	<3,000	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	7.19	<1
	07/14/09	152.01*	41.27	110.74	<50	<500	NA	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	8.92	<1
	10/20/09		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/04/10		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/26/10		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	07/14/09	154.93	68.67	86.55	<50	<500	NA	<1	<2	36.1	7.18	<1	<1	<1	<1	<1	<1	2.54	4.16
	10/20/09		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/04/10		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/26/10		68.49	86.73	NS	NS	NS	<1	<2	9.32	<1	2.69	13.0	<1	<1	<1	<1	130(1)	60.9
MW-4	07/14/09	155.07*	70.05	85.02	<50	<500	NA	<1	<2	4.11	1.34	1.52	1.22	<1	<1	<1	<1	11.3	6.05
	10/20/09		74.52	80.55	<50	<500	NA	<1	<2	11.3	7.93	<1	1.01	<1	<1	<1	<1	16.4	6.65
	01/04/10		76.51	78.56	<50	<500	NA	<1	<2	13.3	10.5	<1	<1	<1	<1	<1	<1	20.4	4.95
	04/26/10		69.83	85.24	<50	<500	NA	<1	<2	9.02	6.92	<1	<1	<1	<1	<1	<1	11.3	3.77
	Maximum Contaminant Level				NE	NE	NE	150	1,750	NE	0.5	NE	NE	200	5	0.5	6	5	5

Only those volatile organic compounds detected are listed. Sample collected from well MW-2 on February 19, 2009 also analyzed for ETBE, DIPE, MTBE, TAME, TBA and Ethanol
Elevations for wells MW-1 and MW-2 based on established elevation (151.71 feet MSL) for off-site Phibro-Tech well MW-3
* = Surveyed to LA County Department of Public Works Bench Mark #Y-6668 by Evans Land Surveying on July 6, 2009.
(1) = Well was not purged, Only one foot of water in the well end cap. Probably not representative of ground water conditions.
< = Not detected at laboratory report limit listed
NA = Not analyzed for this chemical
NE = Not Established
NS = Not sampled - well dry
1.1 = Concentration detected exceeds MCL

TABLE 4
SUMMARY OF GROUND WATER TESTING RESULTS - METALS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per liter - mg/L)

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
MW-1	10/05/95	<0.1	<0.1	0.38	<0.01	<0.02	0.06	NA	<0.03	<0.05	<0.12	<0.005	<0.05	<0.04	<0.1	<0.02	<0.16	0.07	0.09
	01/13/97	<0.1	<0.1	0.52	<0.01	<0.02	0.08	NA	<0.03	0.07	<0.12	<0.005	<0.05	<0.04	<0.1	<0.02	<0.16	0.13	0.15
	02/19/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/14/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/26/10		On December 7, 2009 well MW-1 was abandoned and replaced by well MW-1D																
MW-1D	01/04/10	NA	NA	NA	NA	NA	<0.01	0.0037	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/26/10	NA	NA	NA	NA	NA	<0.01	0.0043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	01/13/97	<0.1	<0.1	0.44	<0.01	<0.02	0.09	NA	0.04	0.08	<0.12	<0.0005	<0.05	0.05	<0.1	<0.02	<0.16	0.14	0.19
	02/19/09	NA	NA	NA	NA	NA	<0.01	0.0039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/09	NA	NA	NA	NA	NA	0.061	0.00432	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/04/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/26/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	07/14/09	NA	NA	NA	NA	NA	<0.01	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/04/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/26/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	07/14/09	NA	NA	NA	NA	NA	<0.01	0.00443	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/09	NA	NA	NA	NA	NA	<0.01	0.0040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/04/10	NA	NA	NA	NA	NA	<0.01	0.0036	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/26/10	NA	NA	NA	NA	NA	<0.01	0.0034	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Ground water samples collected on January 13, 1997 were also analyzed on a filtered basis. No metals were detected in the filtered ground water samples

< Not detected at laboratory reporting limit listed
NA Not analyzed for this chemical
NS Not sampled - well dry

TABLE 5
SOIL TESTING RESULTS - BEA REMEDIATION AUGUST 2006
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

		(8015M)			(8260B)		(6010B/7471A)									
Sample ID	Date	TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Arsenic	Barium	Total Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc
B-7@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	5.8	200	62	17	17	7.6	<2	29	105	80
B-7@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@18'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	4.7	170	53	14	15	6.4	<2	24	86	70
B-7West@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@18'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	5.8	163	46	11	17	6.1	<2	22	81	61
B-7East@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@20'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9West@5'	08/17/06	<0.5	146	183	<0.002	<0.004	4	159	43	22	47	46	3.3	52	87	101
E-9West@10'	08/17/06	<0.5	5.2	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9WEst@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9West@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@5'	08/17/06	<0.5	<5	<50	<0.002	<0.004	3.9	118	18	12	16	6.3	<2	17	77	54
E-9Center@10'	08/17/06	<0.5	8.8	<50	0.0046	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@2'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@5'	08/17/06	<0.5	84	30J	<0.002	<0.004	3.6	115	20	14	37	16	13	97	64	69
E-9East@10'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SOIL TESTING RESULTS - BEA REMEDIATION AUGUST 2006
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

		(8015M)			(8260B)		(6010B/7471A)									
Sample ID	Date	TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Arsenic	Barium	Total Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc
MAXIMUM		ND	146	183	0.0046	0.0056	5.8	200	62	22	47	46	13	97	105	101
SSL		500	1,000	10,000	0.45	5.25	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R		NE	NE	NE	5,000	600	0.39	15,000	120,000	23	3,100	400	390	1,600	390	23,000
SLCC-I		NE	NE	NE	46,000	2,600	1.6	190,000	150,000	300	41,000	800	5,100	20,000	5,200	310,000
CHHSL-R		NE	NE	NE	NE	NE	0.07	5,200	100,000	660	3,000	150	380	1,600	530	23,000
CHHSL-I		NE	NE	NE	NE	NE	0.24	63,000	100,000	3,200	38,000	3,500	4,800	16,000	6,700	100,000

Only those VOCs (including fuel oxygenates) and Title 22 Metals detected are listed

< = Not detected at laboratory reporting limit listed

NA = Not analyzed for this chemical

ND = Not detected. Detection limits ranged from 0.005 mg/kg to 0.05 mg/kg

NE = Not established

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-O = Total Petroleum Hydrocarbons as Oil

SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Site (March 1996) and Petroleum-Impacted Sites (May 1996)

SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)

SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)

CHHSL-R = Cal-EPA - "California Human Health Screeing Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)

CHHSL-I = Cal-EPA - "California Human Health Screeing Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)

5.8 = Concentration detected exceeds SLCC-R, SLCC-I, CHHSL-R and CHHSL-I standards

TABLE 6
SOIL TESTING RESULTS - EAI SUBSURFACE UNITS REMOVAL FEBRUARY 2009
11630-1170 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

			(8015M)			(8260B)												(8270C)	(8082)	(6010B/7471A)										
Sample ID	Date	Subsurface Unit No.	TPH-G	TPH-D	TPH-O	Acetone	Ethyl-benzene	Isopropyl-benzene	Toluene	1,2,4-TMB	1,3,5-TMB	Total Xylenes	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	4-Isopropyl toluene	Bis(2-Ethylhexyl) Phthalate	All PCBs	Arsenic	Barium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc
EXCAVATION SOIL SAMPLES																														
Sample 2@6'	02/10/09	3	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	3.92	160	<0.5	25.8	8.78	23.8	4.93	<0.01	<5.0	20.0	50.2	52.4
Sample 3@10'	02/10/09	3	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	2.85	176	<0.5	28.0	9.79	26.1	5.92	<0.01	<5.0	22.3	51.6	56.9
Sample 4@15'	02/10/09	3	12.4	4,940	7,100	0.071	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	0.015	0.007	0.021	0.011	<0.50	NA	1.54	99.2	<0.5	14.5	4.82	15.6	2.46	<0.01	<5.0	12.3	28.5	38.3
Sample 5@5'	02/10/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	0.870	144	<0.5	22.7	6.68	14.8	2.88	<0.01	<5.0	15.8	39.9	50.5
Sample 6@4'	02/10/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	177	<0.5	30.0	9.37	18.7	6.16	0.167	<5.0	20.2	52.4	56.8
Sample 7@4'	02/11/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	163	<0.5	25.2	8.20	17.4	5.00	<0.01	<5.0	17.2	47.4	49.8
Sample 8@9'	02/11/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	155	<0.5	28.0	8.81	23.2	5.87	<0.01	<5.0	20.2	52.2	54.6
Sample 9@4'	02/11/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	145	<0.5	26.1	8.22	16.1	4.71	<0.01	<5.0	16.7	47.6	53.2
Sample 10@9'	02/11/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	176	<0.5	28.9	9.06	26.4	6.27	<0.01	<5.0	21.4	54.7	57.9
Sample 11@4'	02/11/09	4 &5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	118	<0.5	20.0	6.52	14.3	3.67	<0.01	<5.0	13.9	37.2	46.1
		MAXIMUM	**12.4**	**4,940**	**7,100**	**0.071**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**0.027**	**0.015**	**0.007**	**0.021**	**0.011**	**<0.50**	**NA**	**3.92**	**177**	**<0.5**	**30**	**9.79**	**26.4**	**6.27**	**0.167**	**0**	**22.3**	**54.7**	**57.9**
SEDIMENT																														
Sediment	02/11/09	4&5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.200	102	3.16	113	59.5	99.4	81.8	0.0099	<5.0	27.2	22.0	699
		MAXIMUM	**<0.1**	**<10**	**<50**	**<0.020**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.50**	**NA**	**<0.200**	**102**	**3.16**	**113**	**59.5**	**99.4**	**81.8**	**0.0099**	**<5.0**	**27.2**	**22.0**	**699**
STOCKPILE SOIL SAMPLES																														
ESP-1	01/28/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	<0.01	4.27	193	<0.5	27.2	9.37	32.8	7.79	<0.01	<5.0	21.3	27.4	69.2
ESP-2	01/28/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.552	<0.01	3.56	141	<0.5	21.3	7.69	26.2	6.06	<0.01	<5.0	15.8	37.7	59.2
Stockpile C	02/11/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	<0.50	<0.3	157	<0.5	29.1	9.54	23.4	5.93	0.0668	<5.0	21.0	52.6	56.1
Stockpile D	02/11/09	--	527	7,960	8,000	<0.020	0.884	0.610	2.31	27.0	4.51	8.27	3.53	2.25	2.03	4.31	3.73	17.2	<0.50	<0.3	142	<0.5	224	9.91	973	41.8	0.167	13.0	25.7	31.3	215
		MAXIMUM	**527**	**7,960**	**8,000**	**0**	**0.884**	**0.610**	**2.31**	**27.0**	**4.51**	**8.27**	**3.53**	**2.25**	**2.03**	**4.31**	**3.73**	**17.2**	**<0.50**	**4.27**	**193**	**<0.5**	**224**	**9.91**	**973**	**41.8**	**0.167**	**13.0**	**25.7**	**52.6**	**215**
		SSL	500	1,000	10,000	NE	0.9	NE	0.45	NE	NE	5.25	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
		SLCC-R	NE	NE	NE	61,000	5.7	2,200	5,000	87	NE	600	NE	NE	NE	3.9	NE	35	0.17	0.39	15,000	70	120,000	23	3,100	400	23	390	1,600	390	23,000
		SLCC-I	NE	NE	NE	610,000	29	11,000	46,000	400	NE	2,600	NE	NE	NE	20	NE	120	0.62	1.6	190,000	810	150,000	300	41,000	800	310	5,100	20,000	5,200	310,000
		CHHSL-R	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.089	0.07	5,200	1.7	100,000	660	3,000	150	18	380	1,600	530	23,000
		CHHSL-I	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.30	0.24	63,000	7.5	100,000	3,200	38,000	3,500	180	4,800	16,000	6,700	100,000

Only those chemicals detected are listed
< = Not detected at laboratory reporting limit listed
ND = Not detected
NE = Not established
SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)
SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)
SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)
CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)
CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)
32 = Concentration detected exceeds SLCC-I, CHHSL-I or SSL standards
46.2 = Concentration detected exceeds SLCC-R or CHHSL-R standards, but is below SLCC-I and/or CHHSL-I standards

TABLE 7
SUMMARY OF WELL CONSTRUCTION DATA
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Well	Date Completed	Installed By	Well Permit Number	Casing Diameter (inch)	Total Depth (feet bgs)	Screen Interval (feet bgs)	Slot Size (inch)	Well Elevation (feet)
MW-1 [(a)]	10/03/95	EAI	?	2	53	33 - 53	0.020	155.19
MW-1D	12/07/09	EAI	890007	2	80	60-80	0.020	154.93
MW-2	12/23/96	EAI	?	2	55	30 - 55	0.020	152.01
MW-3	06/30/09	EAI	9234	2	70	40-70	0.020	155.22
MW-4	06/30/09	EAI	9234	2	80	50-80	0.020	155.07

Well elevation data based on Evans Land Surveying and Mapping survey (NAVD'88)
Bench Mark # Y-6668, Elevation = 155.530 ft. (2005 adj.)
(a) = Well abandoned on 12/07/09 and replaced by well MW-1D

TABLE 8
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
A4@5'	02/23/09	0.26	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A4@15'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.9
A4@15' D	02/23/09	0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
A5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
B1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.18
B1@5' D	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.10
B1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.15	6.6
B2@5'	02/24/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.47
B2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	12
B3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.34
B3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	14
B4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.17
B4@15'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	9.4
B5@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.24
B5@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.56	9.3
B6@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
B6@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.41	5.4
C1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.46
C1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.12	7.9
C2@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.27
C2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.35	5.8
C3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.42
C3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	2.3	16
C4@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C4@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.6
C4@15' D	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.7
C5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
C5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.49	4.1
C6@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C6@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.34	2.2
D1@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
D1@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4

TABLE 8
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
D2@5'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D2@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	6.1
D3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	3.7	9.9
D4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.36
D4@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	0.12	3.1	17
D5@5'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D5@15'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	0.17	0.67	4.0
D6@5'	02/23/09	0.14	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D6@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.50
E1@5' (PV 1)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.15
E1@5' (PV 3)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.16
E1@5' (PV 7)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.14
E1@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	6.8
E2@5'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E2@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.16	6.0
E3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.88
E4@5'	02/23/09	0.18	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E4@15'	02/23/09	<0.10	1.0	0.65	3.22	0.15	0.12	1.7	5.8
E5@5'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E5@15'	02/23/09	0.10	<1.0	<0.50	<0.50	0.13	<0.10	0.45	0.8

Only those volatile organic compounds detected are listed
< = Not detected at laboratory reporting limit listed
D = Duplicate sample
PV = Purge volume
CTC = Carbon Tetrachloride
TCE = Trichloroethene
PCE = Tetrachloroethene

TABLE 8
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
SOIL SAMPLES COLLECTED FROM 5 FEET BGS									
A4@5'	02/23/09	**0.26**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
B1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.18**
B1@5' D	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.10**
B2@5'	02/24/09	**0.11**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.47**
B3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.34**
B4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.17**
B5@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.24**
B6@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.46**
C2@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.27**
C3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.42**
C4@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.19**
C6@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D1@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.19**
D2@5'	02/23/09	**0.16**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.36**
D5@5'	02/23/09	**0.15**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D6@5'	02/23/09	**0.14**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E1@5' (PV 1)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.15**
E1@5' (PV 3)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.16**
E1@5' (PV 7)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.14**
E2@5'	02/23/09	**0.12**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E4@5'	02/23/09	**0.18**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E5@5'	02/23/09	**0.13**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
No. Samples Analyzed		28	28	28	28	28	28	28	28
No. Detections		8	0	0	0	0	0	0	15
Percentage Detections		29	0	0	0	0	0	0	54
Maximum		**0.26**	**<1.0**	**<0.50**	**<0.50**	**<0.10**	**<0.10**	**<0.10**	**0.47**

TABLE 8
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
SOIL SAMPLES COLLECTED FROM 15 FEET BGS									
A4@15'	02/23/09	**0.15**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**2.9**
A4@15' D	02/23/09	**0.10**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**2.4**
A5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**2.4**
B1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.15**	**6.6**
B2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.36**	**12**
B3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.59**	**14**
B4@15'	02/23/09	**0.16**	<1.0	<0.50	<0.50	<0.10	<0.10	**0.59**	**9.4**
B5@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.56**	**9.3**
B6@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.41**	**5.4**
C1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.12**	**7.9**
C2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.35**	**5.8**
C3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**2.3**	**16**
C4@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.75**	**4.6**
C4@15' D	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.75**	**4.7**
C5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.49**	**4.1**
C6@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.34**	**2.2**
D1@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**2.4**
D2@15'	02/23/09	**0.11**	<1.0	<0.50	<0.50	<0.10	<0.10	**0.36**	**6.1**
D3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**3.7**	**9.9**
D4@15'	02/23/09	**0.12**	<1.0	<0.50	<0.50	<0.10	**0.12**	**3.1**	**17**
D5@15'	02/23/09	**0.13**	<1.0	<0.50	<0.50	<0.10	**0.17**	**0.67**	**4.0**
D6@15'	02/23/09	**0.12**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.50**
E1@15'	02/23/09	**0.11**	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**6.8**
E2@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	**0.16**	**6.0**
E3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	**0.88**
E4@15'	02/23/09	<0.10	**1.0**	**0.65**	**3.22**	**0.15**	**0.12**	**1.7**	**5.8**
E5@15'	02/23/09	**0.10**	<1.0	<0.50	<0.50	**0.13**	<0.10	**0.45**	**0.8**
No. Samples Analyzed		27	27	27	27	27	27	27	27
No. Detections		9	1	1	1	2	3	20	27
Percentage Detections		33	4	4	4	7	11	74	100
Maximum		**0.16**	**1.0**	**0.65**	**3.22**	**0.15**	**0.17**	**3.7**	**17**

TABLE 9
SOIL GAS TESTING RESULTS - VOCs EPA METHOD TO-15
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Chemical	E3@5'	D6@15'	Trip Blank
Propene	0.230	0.021	<0.010
Trichlorofluoromethane	<0.005	0.011	<0.005
Acetone	0.32	0.550	<0.020
1,1-Dichloroethene	<0.005	0.0059	<0.005
Carbon Disulfide	0.036	0.001	<0.005
1,1-Dichloroethane	<0.005	0.0058	<0.005
2-Butanone (MEK)	0.023	0.0091	<0.005
Chloroform	<0.005	0.024	<0.005
Benzene	0.0061	0.0058	<0.005
Carbon Tetrachloride	<0.005	0.037	<0.005
TCE	0.016	0.054	<0.005
Toluene	0.057	0.051	<0.005
PCE	0.140	0.240	<0.005
Chlorobenzene	0.009	<0.005	<0.005
Ethylbenzene	0.015	0.011	<0.005
Xylenes	0.077	0.063	<0.005
1,2,4-Trimethylbenzene	0.017	0.0094	<0.005
1,3,5-Trimethylbenzene	0.0058	<0.005	<0.005

Only those volatile organic compounds detected are listed
< = Not detected at laboratory reporting limit listed

TABLE 10
SUMMARY OF VOCs IN GROUND WATER BENEATH PILOT CHEMICAL AND PHIBRO-TECH, INC. SITES
(concentrations in micrograms per liter - ug/L)

Well	Date	Chloroform	CTC	1,1-DCA	1,2-DCA	1,1-DCE	TCE	PCE	Benzene	Toluene	Ethylbenzene	Xylenes
Pilot Chemical Company												
MW-1	Apr-08	209J	ND	ND	387	ND	ND	ND	ND	34,600	11,700	67,000
MW-2	Apr-08	450	ND	ND	3,160	ND	ND	ND	ND	62,500	9,000	44,900
MW-3	Apr-08	89.9	ND	ND	46.5J	ND	ND	ND	ND	4,280	2,780	8,240
MW-4	Apr-08	ND	ND	ND	1.90	ND	1.40	0.57	ND	ND	ND	ND
MW-5	Apr-08	25.5	36.5	ND	ND	0.288J	1.00	7.00	ND	ND	ND	ND
MW-6	Apr-08	15.9	14.1	ND	3.51	0.216J	1.23	3.67	ND	ND	ND	ND
MW-7	Apr-08	1.70	0.43J	ND	16.6	ND	1.40	0.90	ND	ND	ND	ND
MW-8	Apr-08	9.90	ND	ND	ND	ND	ND	1.40	ND	ND	ND	3.30
MW-9	Apr-08	13.7	ND	67	9.6	4.8	167	3.00	ND	ND	ND	ND
MW-10	Apr-08	19.5J	ND	ND	2,590	4.8	ND	ND	243	ND	ND	604
MW-11	Apr-08	1.8	0.065J	0.104J	1.80	0.067J	2.60	18.1	ND	ND	ND	ND
MAXIMUM		**450**	**36.5**	**67**	**3,160**	**4.8**	**167**	**18.1**	**243**	**62,500**	**11,700**	**67,000**
Phibro-Tech, Inc.												
MW-01D	Jul-08	ND	ND	ND	ND	2.40	34	ND	ND	ND	ND	ND
MW-01S	Jul-08	ND	ND	ND	ND	ND	6.70	4.50	ND	ND	ND	ND
MW-03	Jul-08	34	16	35	62	26	180	ND	ND	ND	730	88
MW-04	Jul-08	29	5.5	150	180		310	ND	ND	ND	ND	ND
MW-04A	Jul-08	5.50	ND	110	ND	9.70	68	1.90	ND	ND	ND	ND
MW-06B	Jul-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06D	Jul-08	ND	ND	ND	ND	1.40	28	13	ND	ND	ND	ND
MW-07	Jul-08	ND	ND	6.60	0.53	1.10	10	2.60	ND	ND	ND	ND
MW-09	Jul-08	35	ND	78	21	24	110	6.50	ND	ND	ND	ND
MW-11	Jul-08	ND	ND	41	220	14	220	ND	ND	ND	500	ND
MW-14S	Jul-08	30	4.00	120	65	65	640	ND	ND	ND	ND	ND
MW-15D	Jul-08	ND	ND	ND	ND	ND	ND	1.60	ND	ND	ND	ND
MW-15S	Jul-08	5.40	ND	18	110	5.90	73	2.30	ND	ND	ND	ND
MW-16	Jul-08	ND	ND	88	3.60	12.00	26	2.40	ND	ND	ND	ND
MAXIMUM		**35**	**16**	**150**	**220**	**65**	**640**	**13**	**ND**	**ND**	**730**	**88**

ND = Not detected
CTC = Carbon tetrachloride
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
TCE = Trichloroethene
PCE = Tetrachloroethene

TABLE 11
TOXICITY CRITERIA - HUMAN HEALTH SCREENING EVALUATION
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Chemicals of Concern	Chronic Inhalation Reference Dose mg/m^3	Inhalation Cancer Slope Factor $(ug/m^3)^{-1}$
Benzene	3.0E-02	2.9E-05
Toluene	3.0E-01	NC
Ethylbenzene	1.0E+00	2.5E-03
Xylenes	1.0E-01	NC
1,3,5-Trimethylbenzene (1,3,5TMB)	6.0E-03	NC
1,2,4-Trimethylbenzene (1,2,4TMB)	6.0E-03	NC
Propene	3.0E+00	NC
Trichlorofluoromethane	7.0E-01	NC
Acetone	3.5E-01	NC
Carbon Disulfide	8.0E-01	NC
2-Butanone (MEK)	4.9E+00	NC
1,1-Dichloroethane (1,1-DCA)	5.0E-01	1.6E-06
1,1-Dichloroethene (1,1-DCE)	7.0E-02	NC
Chlorobenzene	1.0E+00	NC
Chloroform	3.0E-01	5.3E-06
Carbon Tetrachloride	4.0E-02	4.2E-05
Trichloroethlene (TCE)	6.0E-01	2.0E-06
Tetrachloroethene (PCE)	3.5E-02	5.9E-06

All values from DTSC's Screening Model Lookup Tables except Propene and Inhalation Slope Factor for Ethylbenzene from OEHHA Toxicity Database
NC = Not a carcinogen

TABLE 12
VAPOR INTRUSION HEALTH RISK EVALUATION USING SOIL GAS DATA
(MAXIMUM CONCENTRATIONS DETECTED) FROM 5 FEET
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Chemical	Maximum Concentration Detected (ug/m^3)	Residential Land Use		Commercial Land Use	
		Cancer Risk	Hazard Quotient	Cancer Risk	Hazard Quotient
Benzene	260	2.9E-06	7.3E-03	1.7E-06	4.6E-03
Toluene	57	NC	1.7E-04	NC	9.9E-05
Ethylbenzene	15	1.3E-08	1.2E-05	7.6E-09	7.1E-06
Xylenes	77	NC	6.8E-04	NC	4.0E-04
1,3,5-Trimethylbenzene (1,3,5-TMB)	5.8	NC	6.7E-04	NC	4.0E-04
1,2,4-Trimethylbenzene (1,2,4-TMB)	17	NC	2.0E-03	NC	1.3E-03
Propene	230	Not in Database		Not in Database	
Acetone	320	NC	1.1E-03	NC	6.6E-04
Carbon Disulfide	36	NC	5.5E-05	NC	3.0E-05
2-Butanone (MEK)	23	NC	3.9E-06	NC	2.3E-06
Chlorobenzene	9.0	NC	7.0E-06	NC	4.2E-06
Trichloroethlene (TCE)	16	1.1E-08	2.2E-05	6.7E-09	1.3E-05
Tetrachloroethene (PCE)	470	9.2E-07	2.7E-03	5.5E-07	6.2E-03
	Total Value	**3.8E-06**	**1.5E-02**	**2.3E-06**	**1.4E-02**

NC= Not a Carcinogen

TABLE 13
VAPOR INTRUSION HEALTH RISK EVALUATION USING SOIL GAS DATA
(MAXIMUM CONCENTRATIONS DETECTED) FROM 15 FEET
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Chemical	Maximum Concentration Detected (ug/m^3)	Residential Land Use		Commercial Land Use	
		Cancer Risk	Hazard Quotient	Cancer Risk	Hazard Quotient
Benzene	160	7.4E-07	2.0E-03	4.4E-07	1.2E-03
Toluene	1,000	NC	1.2E-03	NC	7.3E-04
Ethylbenzene	650	2.3E-07	2.1E-04	1.3E-07	1.3E-04
Xylenes	3,220	NC	1.2E-02	NC	7.0E-03
1,2,4-Trimethylbenzene (1,2,4-TMB)	9.4	NC	4.2E-04	NC	2.5E-04
Propene	21	Not in Database		Not in Database	
Trichlorofluoromethane	11	NC	5.8E-06	NC	3.4E-06
Acetone	550	NC	7.8E-04	NC	4.6E-04
Carbon Disulfide	1.0	NC	6.1E-07	NC	3.6E-07
2-Butanone (MEK)	9.1	NC	3.8E-07	NC	6.3E-07
1,1-Dichloroethane (1,1-DCA)	5.8	1.3E-09	3.7E-06	7.6E-10	2.2E-06
1,1-Dichloroethene (1,1-DCE)	5.9	NC	3.2E-05	NC	1.9E-05
Chloroform	150	NC	2.1E-04	NC	1.3E-04
Carbon Tetrachloride	170	1.0E-06	1.4E-03	6.1E-07	8.5E-04
Trichloroethlene (TCE)	3,700	1.1E-06	2.1E-03	6.4E-07	1.2E-03
Tetrachloroethene (PCE)	17,000	1.3E-05	1.5E-01	8.0E-06	9.0E-02
	Total Value	**1.6E-05**	**1.7E-01**	**9.8E-06**	**1.0E-01**

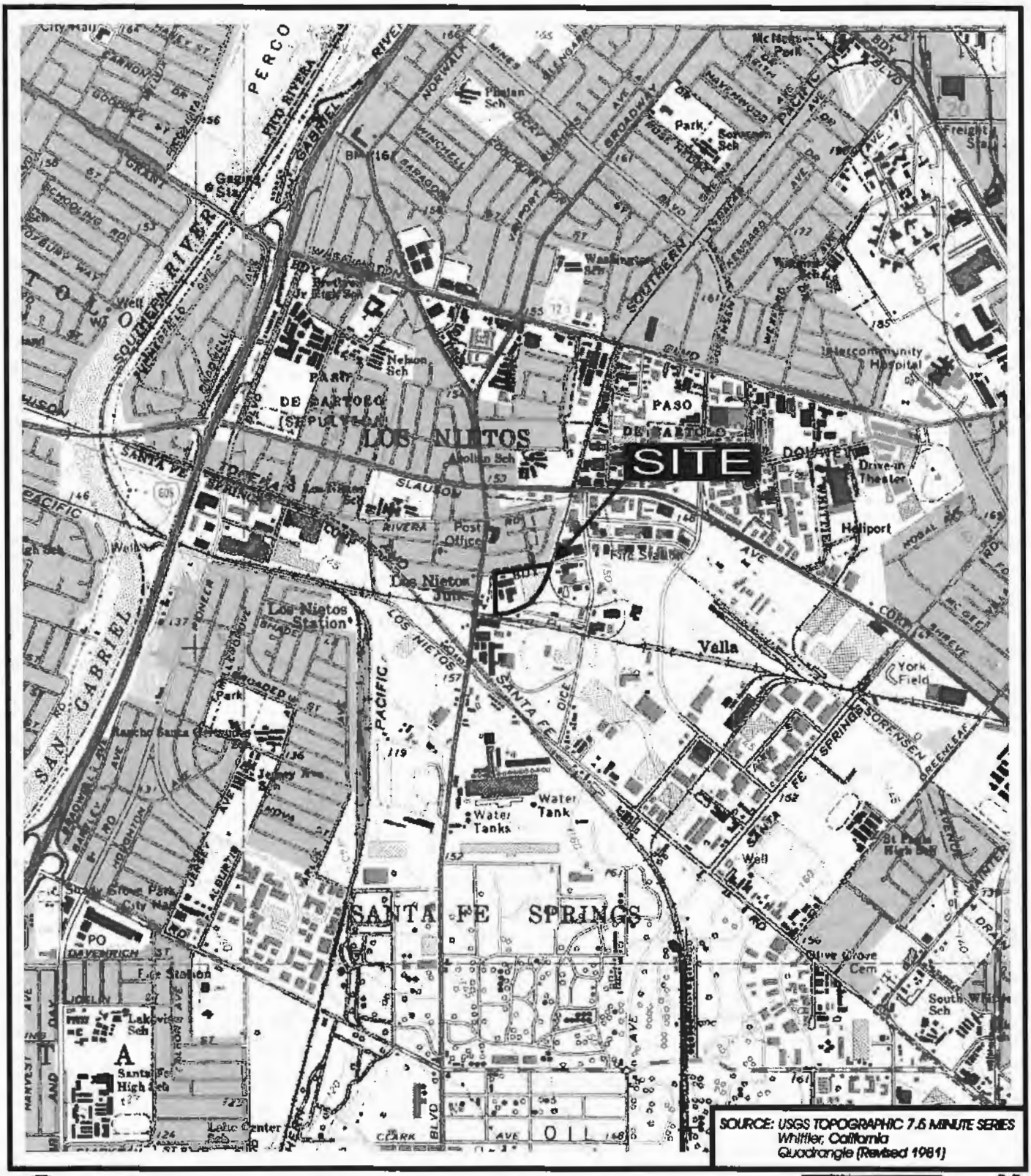
NC = Not a Carcinogen

TABLE 14
VAPOR INTRUSION HEALTH RISK EVALUATION USING SOIL GAS DATA
(95% UCL FOR PCE AND MAXIMUM CONCENTRATIONS DETECTED) FROM 15 FEET
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Chemical/Depth	Maximum Concentration Detected (ug/m^3)	Residential Land Use		Commercial Land Use	
		Cancer Risk	Hazard Quotient	Cancer Risk	Hazard Quotient
Benzene	160	7.4E-07	2.0E-03	4.4E-07	1.2E-03
Toluene	1,000	NC	1.2E-03	NC	7.3E-04
Ethylbenzene	650	2.3E-07	2.1E-04	1.3E-07	1.3E-04
Xylenes	3,220	NC	1.2E-02	NC	7.0E-03
1,2,4-Trimethylbenzene (1,2,4-TMB)	9.4	NC	4.2E-04	NC	2.5E-04
Propene	21	Not in Database		Not in Database	
Trichlorofluoromethane	11	NC	5.8E-06	NC	3.4E-06
Acetone	550	NC	7.8E-04	NC	4.6E-04
Carbon Disulfide	1.0	NC	6.1E-07	NC	3.6E-07
2-Butanone (MEK)	9.1	NC	3.8E-07	NC	6.3E-07
1,1-Dichloroethane (1,1-DCA)	5.8	1.3E-09	3.7E-06	7.6E-10	2.2E-06
1,1-Dichloroethene (1,1-DCE)	5.9	NC	3.2E-05	NC	1.9E-05
Chloroform	150	NC	2.1E-04	NC	1.3E-04
Carbon Tetrachloride	170	1.0E-06	1.4E-03	6.1E-07	8.5E-04
Trichloroethlene (TCE)	3,700	1.1E-06	2.1E-03	6.4E-07	1.2E-03
Tetrachloroethene (PCE) (1)	8,123	6.4E-06	7.2E-02	3.8E-06	4.3E-02
Total Value		**9.5E-06**	**9.2E-02**	**5.6E-06**	**5.5E-02**

NC = Not a Carcinogen
(1) = 95% UCL Concentration

FIGURES



Environmental Audit, Inc.

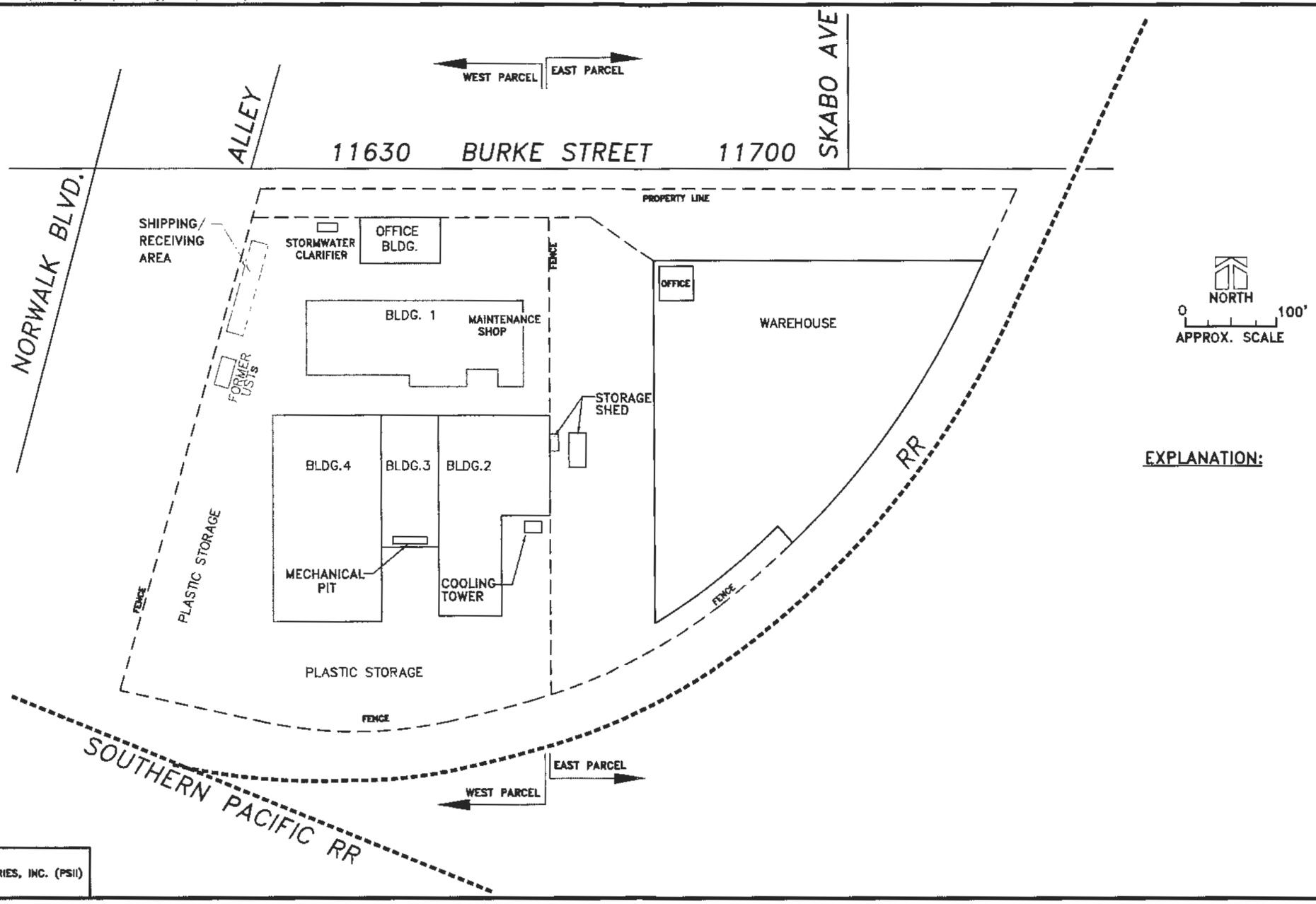
SITE LOCATION MAP
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

Project No. 1576

Figure 1

N:\1576\SiteLocMap.cdr

I:\1576\Site Plan (rev.5a) (Created) 11/21/94 (Drawn By) M.C. (Check By) S.B. (Last Rev.) 03/04/09



BASE MAP SOURCE
PROFESSIONAL SERVICES INDUSTRIES, INC. (PSII)
Drawing No. 1 Dated 8/17/94

Environmental Audit, Inc.

SITE PLAN
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

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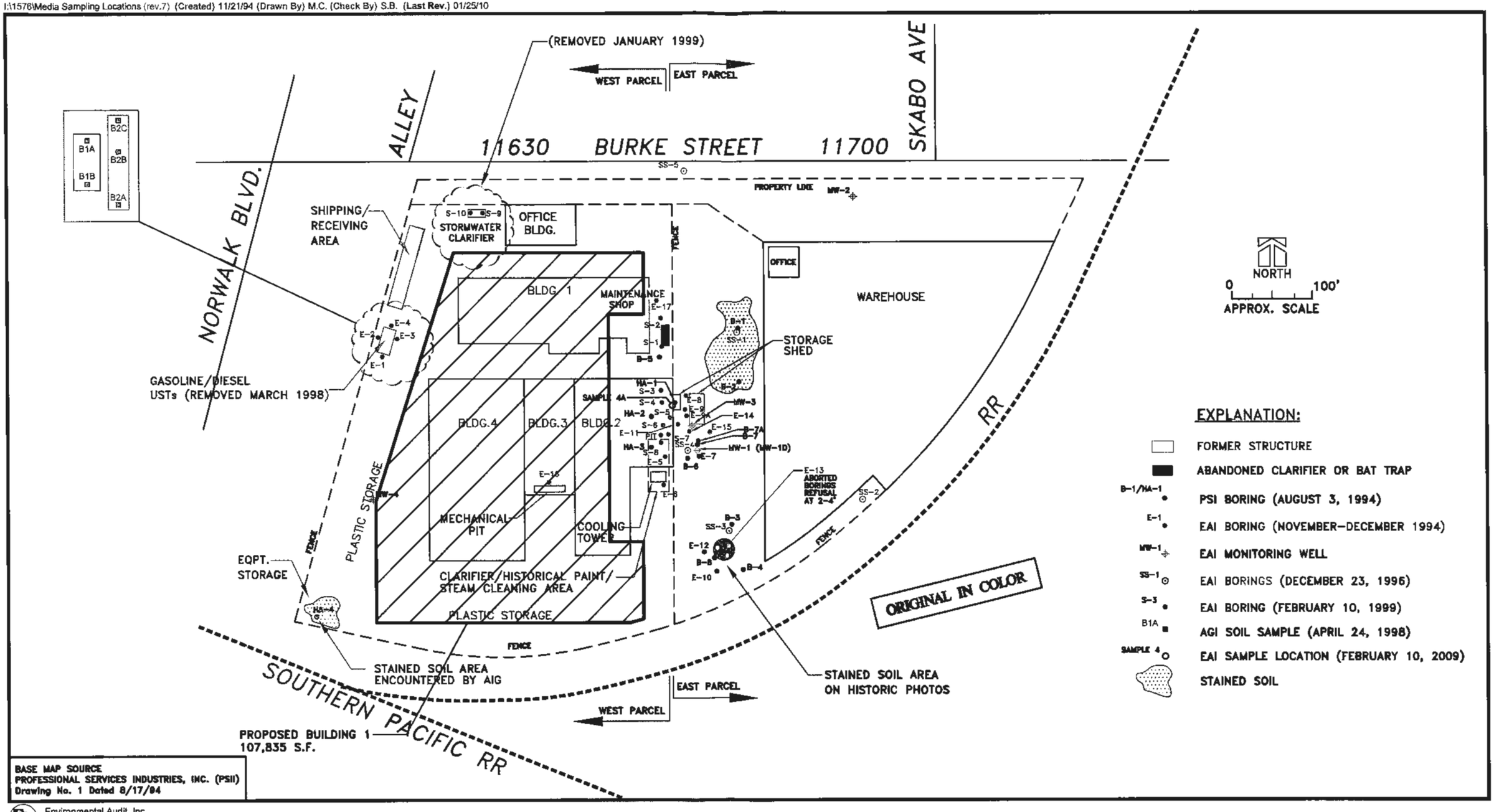


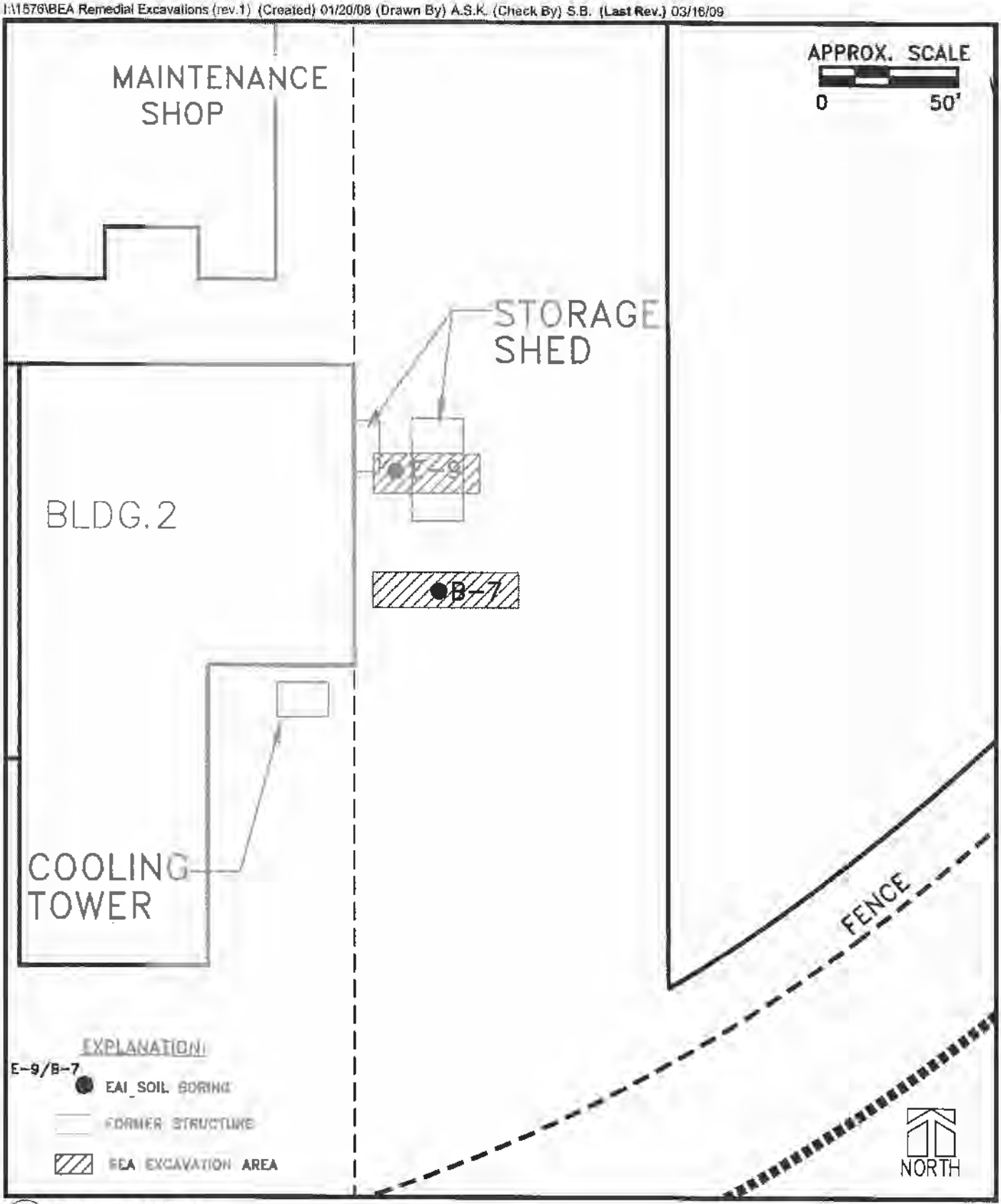
Environmental Audit, Inc.

HISTORICAL MEDIA SAMPLING LOCATIONS,
EXCLUDING SOIL SAMPLES COLLECTED IN FEBRUARY 2009 (SEE FIGURE 5) AND SOIL GAS SAMPLES (SEE FIGURE 6)
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

Project No. 1576

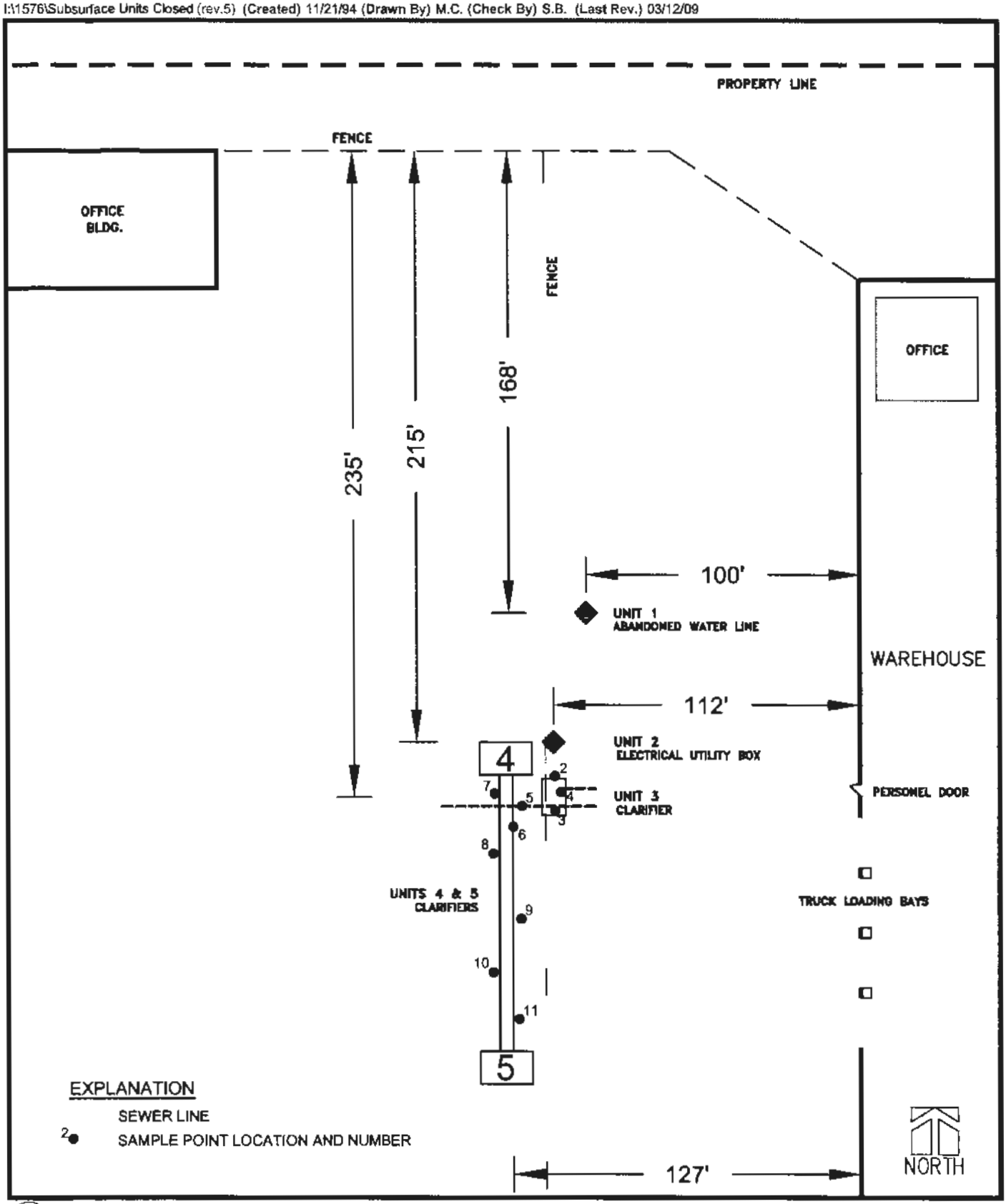
Figure 3

I:\1576\BEA Remedial Excavations (rev.1) (Created) 01/20/08 (Drawn By) A.S.K. (Check By) S.B. (Last Rev.) 03/16/09



Environmental Audit, Inc.

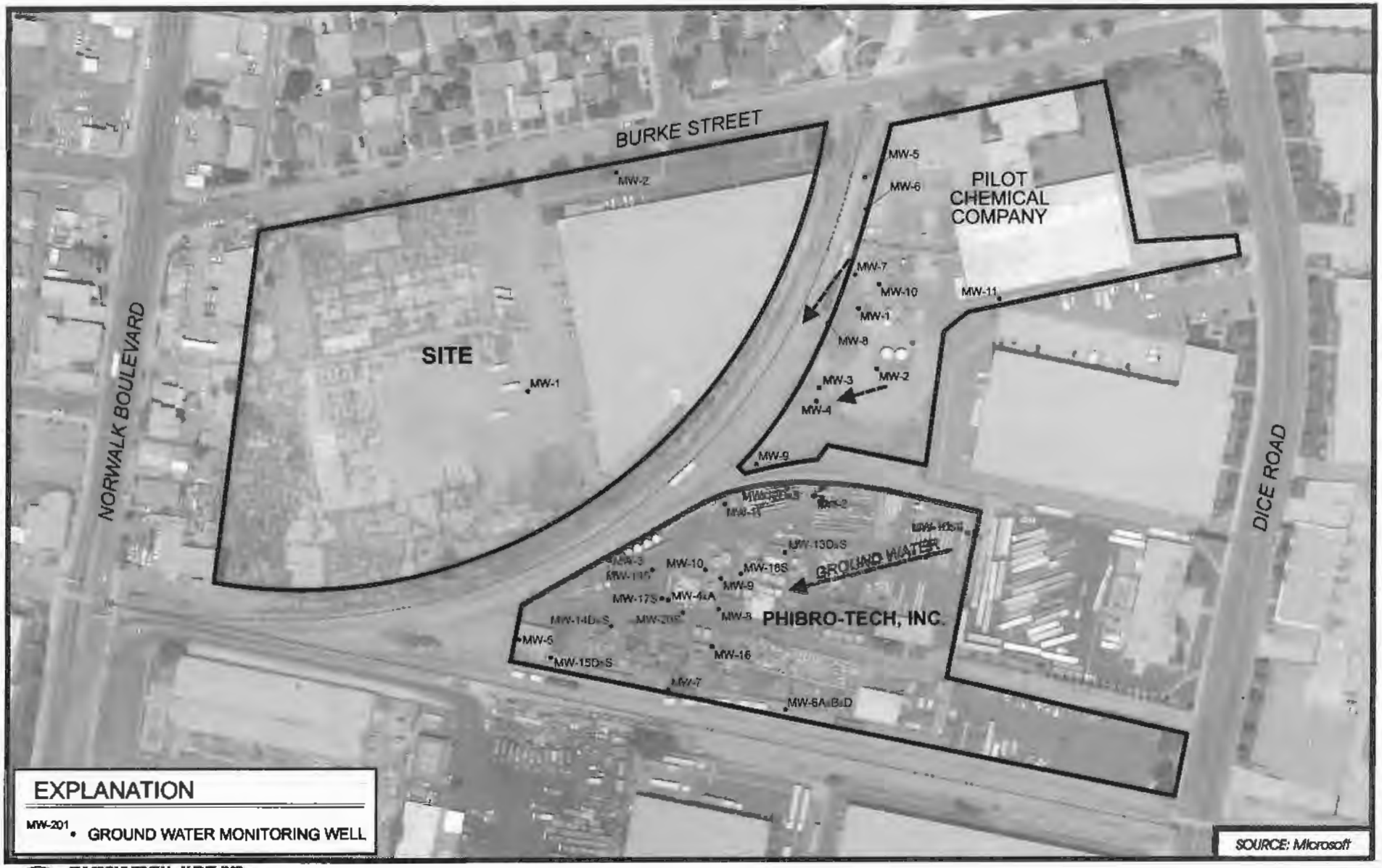
BEA REMEDIAL EXCAVATIONS - AUGUST 2006
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



Environmental Audit, Inc.

APPROX.SCALE
0 50'

SUBSURFACE UNITS CLOSED IN FEBRUARY 2009
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



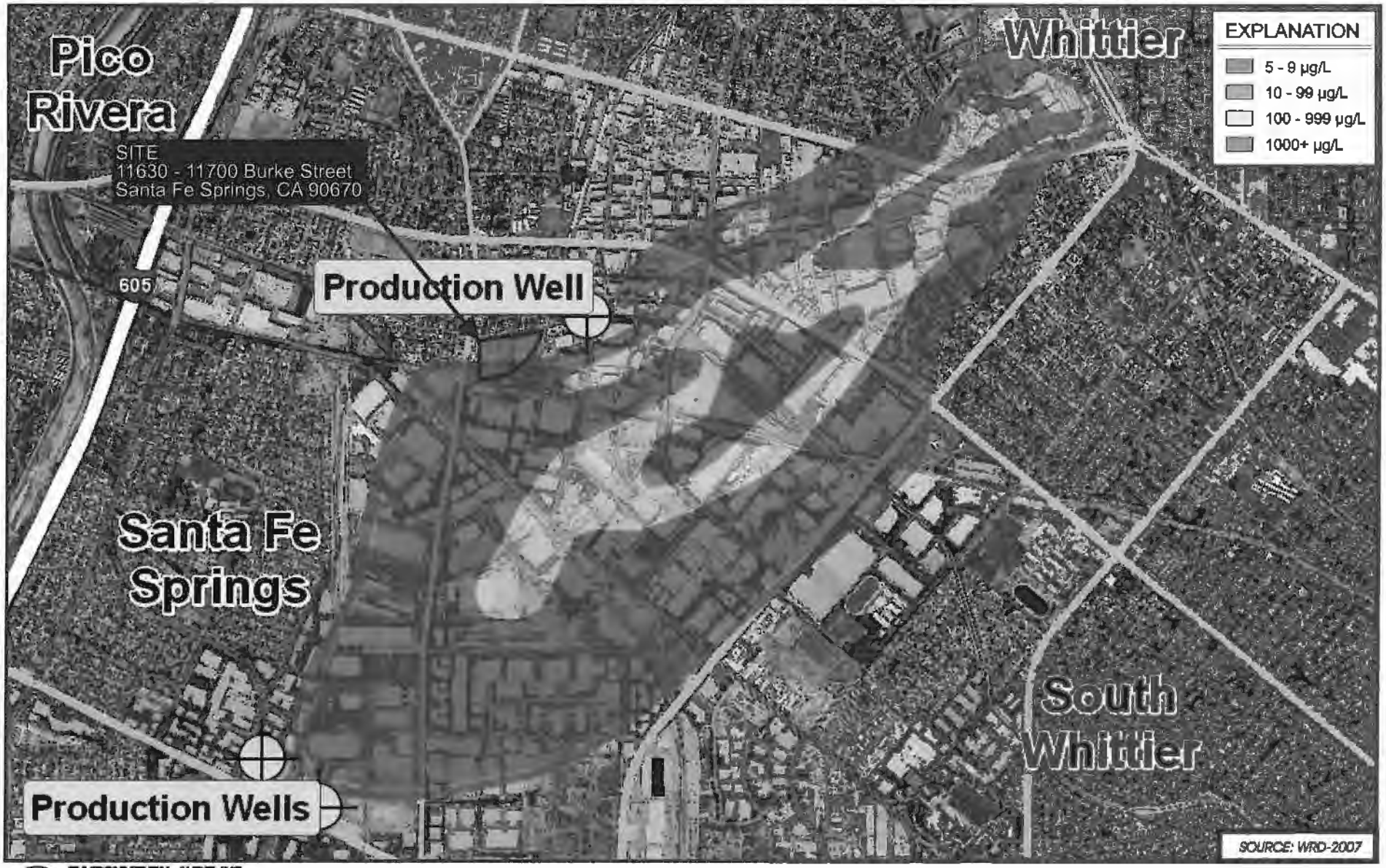
ENVIRONMENTAL AUDIT, INC.

AERIAL VICINITY MAP
11630 to 11700 Burke Street
Santa Fe Springs, CA 90609

Project No. 1576

Figure 7

N:\1576\Aerial\VicinityMap(rev.1).cdr



ENVIRONMENTAL AUDIT, INC.

N

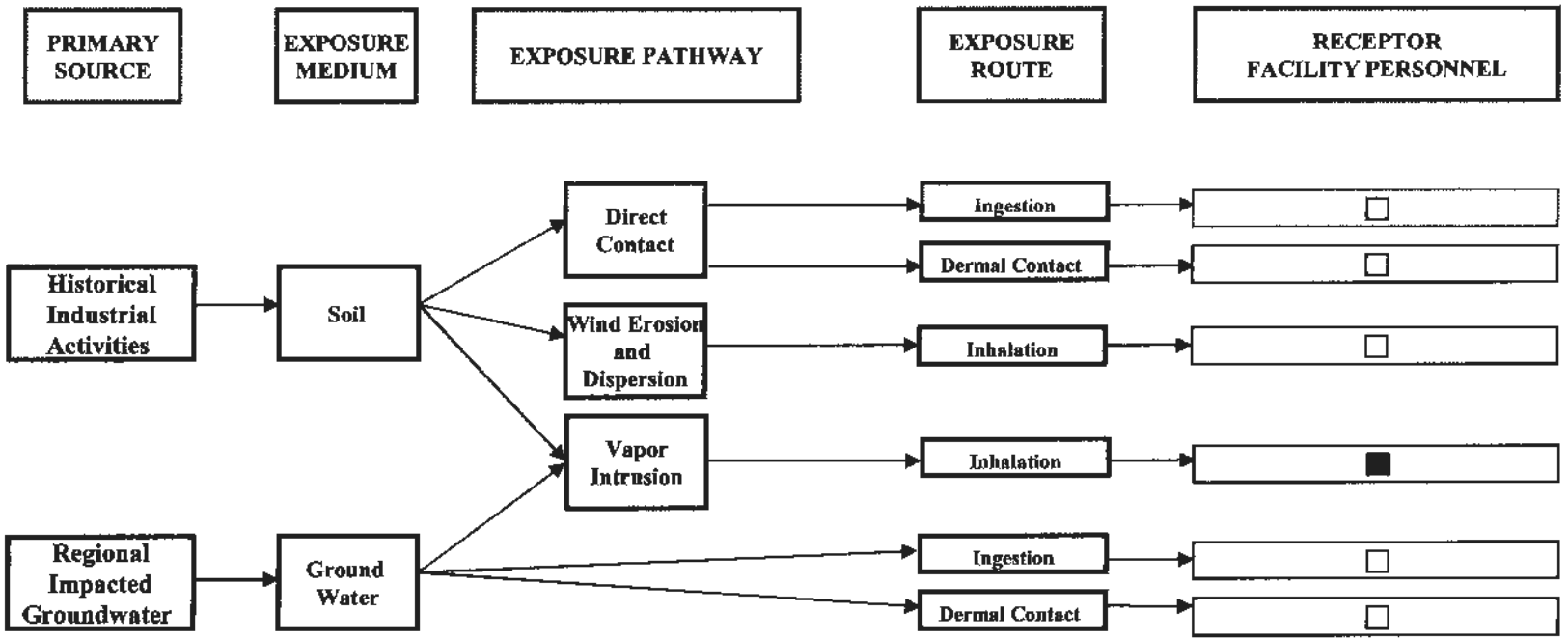
CENTRAL BASIN GROUNDWATER PCE PLUME

Project No. 1576
N:\1576\Plume\Plume.cdr

Figure 8
ORIGINAL IN COLOR

SITE CONCEPTUAL MODEL

11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

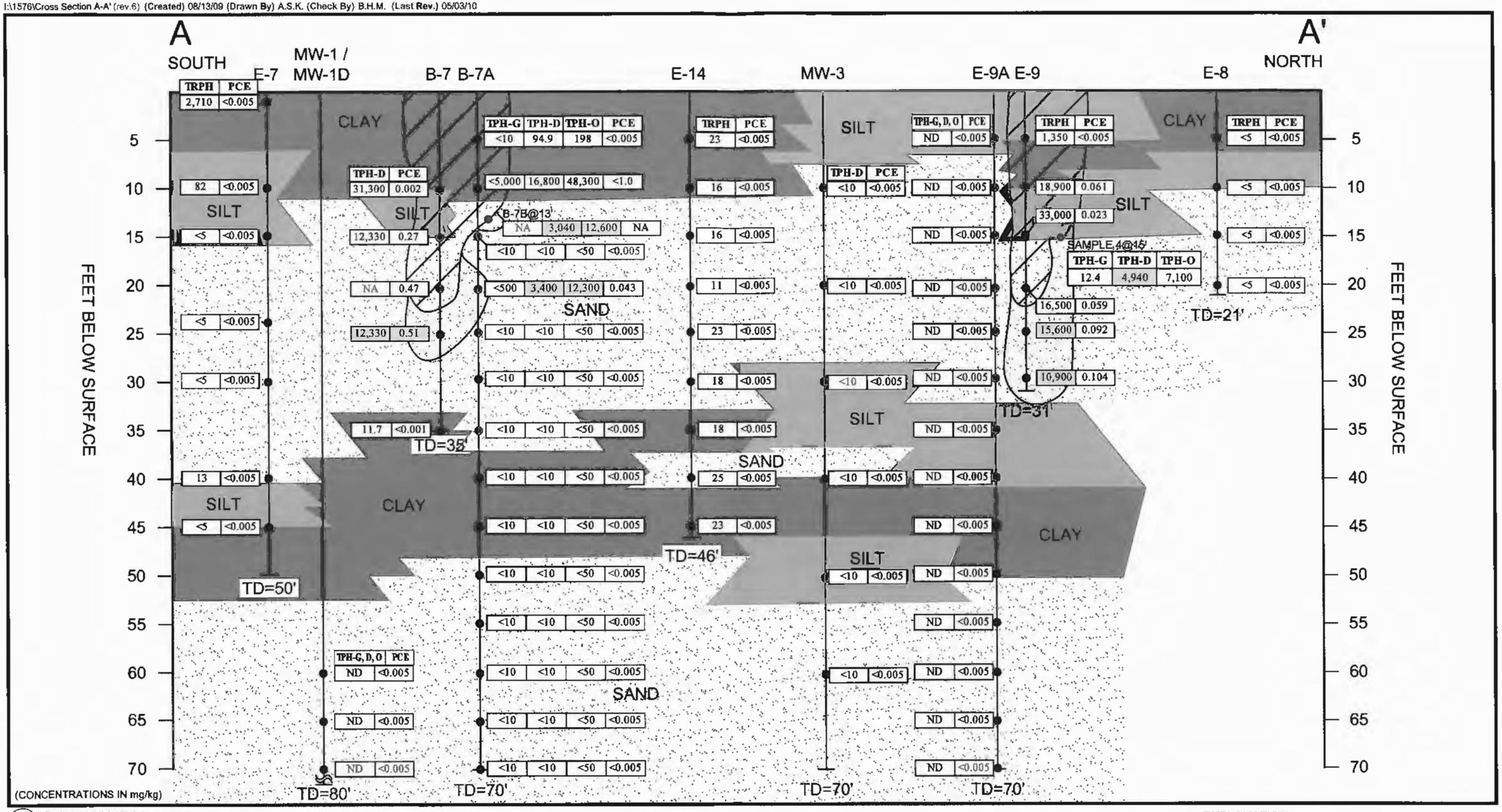


■ PATHWAY IS CONSIDERED TO BE POTENTIALLLY COMPLETE

□ PATHWAY IS CONSIDERED TO BE INCOMPLETE

FIGURE 9

N:1576\SCM(PP)



Environmental Audit, Inc.

CROSS SECTION A-A'
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

EXPLANATION

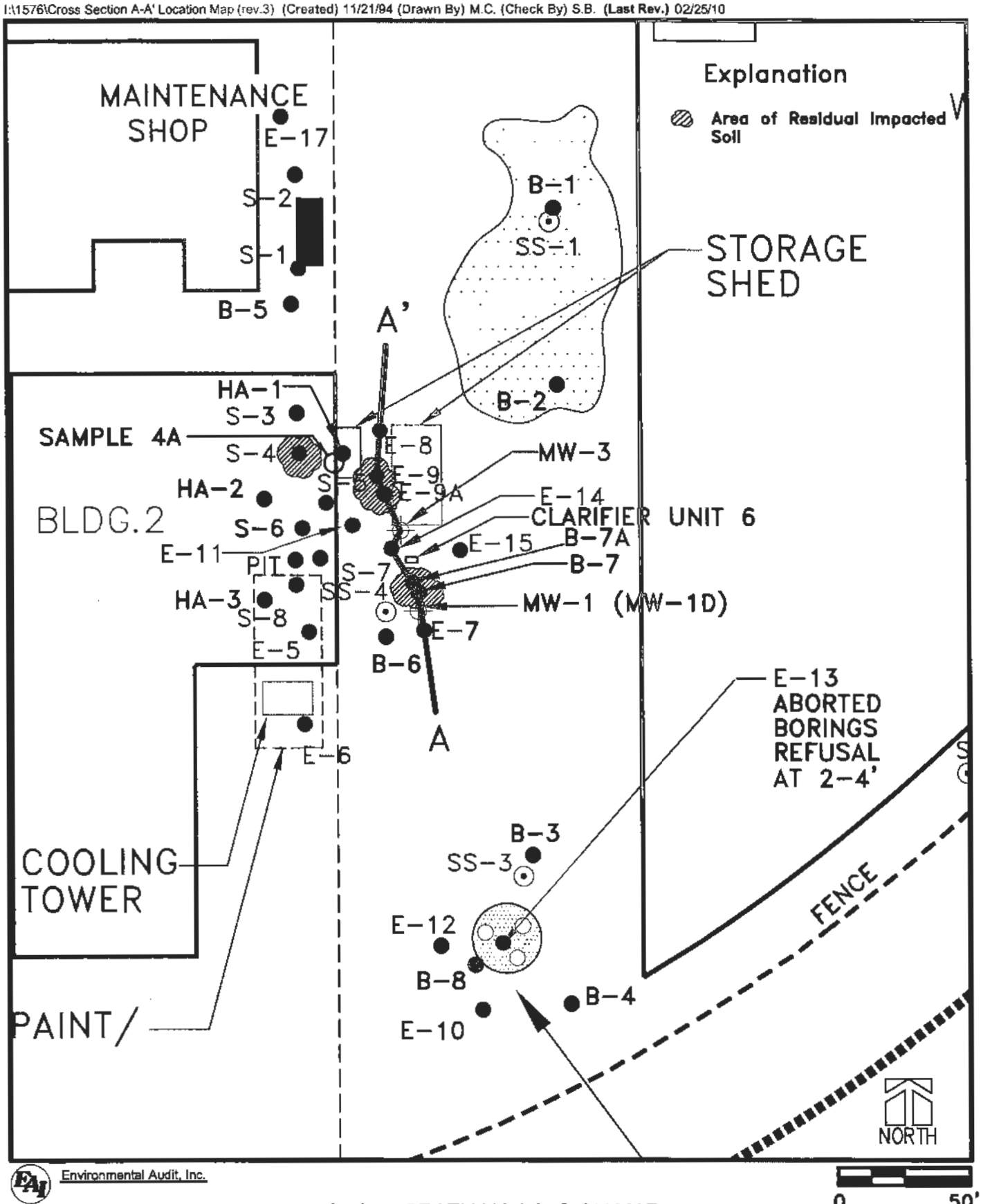
- 12,330 | 0.51 — Residual Hydrocarbon Left in Place That Exceed Los Angeles RWQCB Soil Screening Levels
- Excavated Soil
- Confirmation Soil Sample

Project No. 1576

Figure 10

ORIGINAL IN COLOR

I:\1576\Cross Section A-A' Location Map (rev.3) (Created) 11/21/94 (Drawn By) M.C. (Check By) S.B. (Last Rev.) 02/25/10



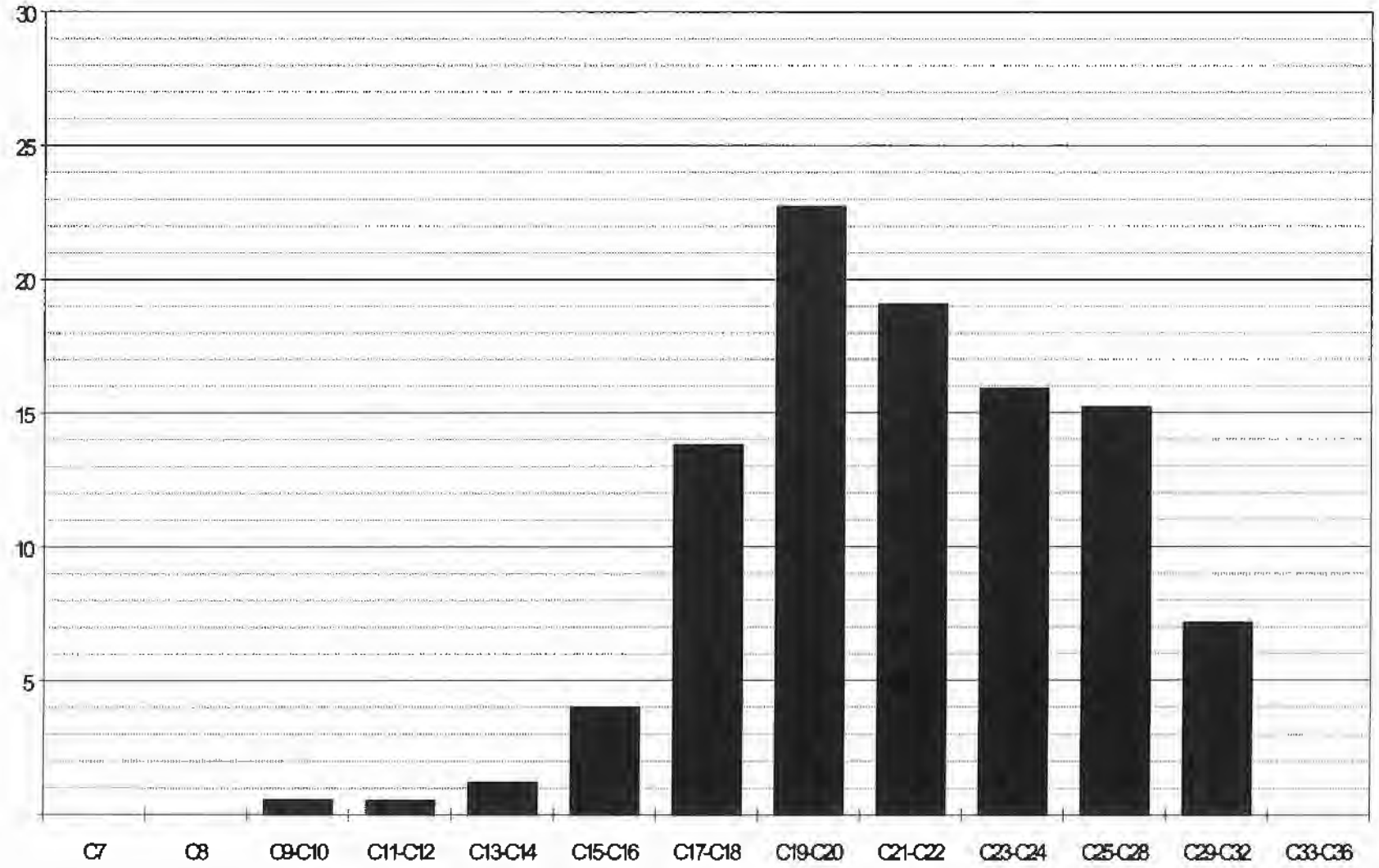
Environmental Audit, Inc.

CROSS SECTION LOCATION MAP
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

Project No. 1576

Figure 11

ORGINAL IN COLOR



ENVIRONMENTAL AUDIT, INC.

Percent of Hydrocarbons within Individual Carbon Chain Ranges for Sample E-9@15-16'

Figure 12

N:1576/1576Hist.cdr

APPENDIX A

Boring Logs

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: SAMPLE-4A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						SM	
5			8,9,9	7:50	1.6		4-5.5 VERY SILTY SAND, rust, fine sand, moist, no odor
10			9,10,12	8:00	0.0		9-10.5 VERY SILTY SAND, rust, fine sand, moist, no odor
15			8,11,11	8:05	0.0	SP	14-15.5' SAND, tan, fine sand, moist, no odor
20			12,13,15	8:10	1.9		19-20.5' SAND, tan, fine sand, moist, no odor
25			10,12,13	8:15	1.4		24-25.5' SAND, tan, fine sand, rare fine gravel, moist, no odor
30			9,12,12	8:20	3.1		29-30.5' SLIGHTLY SANDY SILT, tan, very fine sand, moist, no odor
35			8,9,11	8:25	0.0	SM	34-35.5' SILTY SAND, tan, very fine sand, moist, no odor

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: SAMPLE-4A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			28,50	8:30	0.9		39-40.5' SILTY SAND, tan, very fine sand, moist, no odor
						CL	
45			9,12,13	8:35	1.6		44-45.5' VERY SILTY CLAY, brown, moist, no odor
						ML	
50			12,13,16	8:40	1.9		49-50.5' SLIGHTLY SANDY SILT, rust, fine sand, moist, no odor
						CL	
55			12,14,16	5:45	2.8		54-55.5' SLIGHTLY SANDY SILTY CLAY, rust, fine sand, moist, no odor
						SP	
60			14,15,18	8:50	1.8		59-60.5' SAND, tan, medium to fine sand, moist, no odor
65			9,13,15	8:55	1.6		64-65.5' SAND, tan, medium to fine sand, moist, no odor
70			8,9,10	9:00	2.2		69-70.5' SAND, tan, fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-2
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			7,7,8	10:00	1.1		4-5.5' VERY SANDY CLAYEY SILT, rust, fine sand, moist, no odor
						SM	
10			6,7,9	10:05	0.2		9-10.5' SILTY SAND, rust, fine sand. moist, no odor
						SP	
15			6,7,8	10:08	0.0		14-15.5' SAND, tan, fine sand, moist, no odor
20			6,6,7	10:10	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			7,8,9	10:15	0.0		24-25.5' SLIGHTLY SILTY SAND, tan, fine sand, moist, no odor
30			6,7,8	10:17	0.0		29-30.5' SAND, tan, fine sand, moist. no odor
35			8,9,11	10:20	0.0		34-35.5' SAND, tan, fine sand, moist, no odor
						SW	

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-2
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			9,10,12	10:22	0.0		39-40.5' GRAVELLY SAND, tan, coarse to fine sand, fine gravel, moist, no odor
						CL	
45			8,10,12	10:25	0.0		44-45.5' SLIGHTLY SANDY SILTY CLAY, tan, fine sand, moist, no odor
						SM	
50			10,12,14	10:30	1.2		49-50.5' VERY SILTY SAND, tan, very fine sand, moist, no odor
55			8,9,11	10:33	0.0		54-55.5' VERY SILTY SAND, tan, very fine sand, moist, no odor
						SP	
60			6,7,8	10:35	0.0		59-60.5' SAND, tan, coarse to fine sand, moist, no odor
						SM	
65			7,9,10	10:40	0.0		64-65.5' VERY SILTY SAND, tan, fine sand, moist, no odor
						SP	
70			6,6,7	10:45	0.0		69-70.5' SAND, tan, fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						CL	
5			7,9,10	12:40	1.3		4-5.5 SLIGHTLY SANDY SILTY CLAY, rust, very fine sand, moist, no odor
						SM	
10			6,7,10	12:45	0.9		9-10.5' VERY SILTY SAND. tan, fine sand, moist, no odor
						SP	
15			7,9,12	12:47	0.0		14-15.5' SAND, tan. fine sand, moist, no odor
20			7,8,9,	12:50	0.0		19-20.5' SAND, tan, medium to fine sand, moist, no odor
25			6,8,10	12:53			24-25.5' NO RECOVERY
30			6,7,9	12:57	0.0		29-30.5' SAND, tan, fine sand, moist, no odor
						SM	
35			8,10,13	13:00	0.4		34-35.5' VERY SILTY SAND, tan, medium to fine sand, moist, no odor
						SW	

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			7,8,10	13:05	0.0		39-40.5' GRAVELLY SAND, rust to tan, coarse to fine sand, medium to fine gravel, moist, no odor
45			9,10,12	13:10	0.0		44-45.5' GRAVELLY SAND, rust to tan, coarse to fine sand, medium to fine gravel, moist, no odor
						SP	
50			8,9,11	13:12	0.0		49-50.5' SAND, tan, fine sand, moist, no odor
55			6,7,9	13:15	0.3		54-55.5' SAND, tan, fine sand, moist, no odor
						SM	
60			11,13,16	13:18	0.6		59-60.5' SILTY SAND, tan, very fine sand, moist, no odor
						SP	
65			10,12,13	13:20	0.0		64-65.5' SAND, tan, fine sand, moist, no odor
70			12,14,14	13:25	0.0		69-70.5' SAND, tan, fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-7A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						SM	
5			8,9,11	8:05	48.7		4-5.5 SILTY SANDY CLAY, gray, fine sand, moist, faint odor
10			8,11,14	8:10	17.8		9-10.5' SILTY SAND, olive, fine sand, moist, faint odor
						SP	
15			9,11,12	8:13	1.6		14-15.5' SAND, tan, fine sand, moist, no odor
20			11,12,14	8:17	2.7		19-20.5' SAND, tan, fine sand, moist, no odor
						SM	
25			7,9,11	8:20	4.3		24-25.5' SILTY SAND, tan, fine sand, moist, no odor
30			9,13,15	8:24	0.0		29-30.5' SILTY SAND, tan, fine sand, moist, no odor
35			13,14,17	8:30	0.0		34-35.5' SILTY SAND, tan, fine sand, moist, no odor
						CL	

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: B-7A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			6,6,8	8:34	0.0		39-40.5' SILTY CLAY, tan, moist, no odor
45			15,16,21	8:39	1.9		44-45.5' SLIGHTLY SANDY SILTY CLAY, rust, very fine sand, moist, no odor
50			14,17,22	8:44	0.0	SM	49-50.5' SILTY SAND, tan, fine sand, moist, no odor
55			15,17,22	8:40	2.2		54-55.5' SILTY SAND, brown, fine sand, moist, no odor
60			14,16,22	8:55	3.4		59-60.5' SILTY SAND, brown, fine sand, moist, no odor
65			8,12,16	9:00	2.3	SP	64-65.5' SAND, tan, fine sand, moist, no odor
70			16,17,22	9:03	1.1		69-70.5' SAND, tan, medium to fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: C-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			6,7,8	7:50	1.2		4-5.5 VERY SANDY SILT, rust, fine sand moist, no odor
						SM	
10			6,8,10	7:53	0.0		9-10.5' SILTY SAND, rust, fine sand, moist, no odor
						SP	
15			9,12,13	7:55	0.0		14-15.5' SAND, tan, fine sand, moist, no odor
20			6,8,9	7:58	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
						ML	
25			9,10,12	8:00	0.0		24-25.5' SLIGHTLY SANDY SILT, olive, very fine sand, moist, no odor
						SP	
30			6,7,9	8:02	0.3		29-30.5' SILTY SAND, tan, medium to fine sand, moist, no odor
35			6,8,12	8:05	0.7		34-35.5' SAND, tan, fine sand, moist, no odor
						CL	

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: C-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/8/2009 COMPLETION DATE: 12/8/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			6,8,9	8:07	0.0		39-40.5' SILTY CLAY, brown, minor fine sand, moist no odor
						SW	
45			6,9,11	8:10	0.0		44-45.5' GRAVELLY SAND, tan, coarse to fine sand, medium to fine gravel, moist, no odor
						SP	
50			9,10,12	8:15	0.0		49-50.5' SAND, tan, fine sand, moist, no odor
55			8,9,10	8:17	0.0		54-55.5' SAND, tan, fine sand, moist, no odor
60			7,9,11	8:20	0.9		59-60.5' SAND, tan, fine sand, moist, no odor
65			8,10,12	8:25	1.3		64-65.5' SAND, tan, fine sand, moist, no odor
						SW	
70			9,10,14	8:30	0.0		69-70.5' GRAVELLY SAND, tan, coarse to fine sand, rare gravel, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/8/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: D-4
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			7,8,9	12:55	0.0		4-5.5 SANDY CLAYEY SILT, rust, fine sand moist, no odor
						SM	
10			8,10,12	13:07	0.0		9-10.5' VERY SILTY SAND, tan, fine sand, moist, no odor
						SP	
15			7,8,8,	13:10	0.0		14-15.5' SAND, tan, fine sand, moist, no odor
20			6,7,7,	13:13	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			8,9,11	13:15	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
30			6,8,8,	13:18	0.0		29-30.5' SAND, tan, fine sand, moist, no odor no odor
35			7,9,10	13:20	0.0		34-35.5' SAND, tan, fine sand, moist, no odor

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: D-4
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			27,50	13:22	0.0		39-40.5' SAND, tan, fine sand, moist, no odor
45			8,10,11	13:25	0.0		44-45.5' SAND, tan, fine sand, moist, no odor
						SW	
50			10,12,13	13:30	0.0		49-50.5' GRAVELLY SAND, tan, coarse to fine sand, medium to fine gravel, moist, no odor
						SP	
55			8,10,12	13:32	0.0		54-55.5' SLIGHTLY SILTY SAND, tan, fine sand, moist, no odor
60			11,12,14	13:36	0.0		59-60.5' SAND, tan, fine sand, moist, no odor
65			6,7,8	13:40	0.0		64-65.5' SAND, tan, fine sand, moist, no odor
70			7,9,10	13:45	0.0		69-70.5' SAND, tan, fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-1

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						SM	0-0.3' CONCRETE
0.3							
5				0850	1		4-6' SILTY SAND, dark reddish brown, very fine sand, moderately moist, loose.
10				0910	1.8		9-11' SILTY SAND, dark brown, very fine sand, wet, loose, slight hydrocarbon odor.
11.0						SW	
15				0915	9		14-16' SAND, brown, fine to medium, well graded, wet, loose, slight hydrocarbon odor.
20				0925	5.1		19-21' SAND, brown, fine to medium, well graded, rare gravel, wet, loose.
25				0935	1.5		24-26' SAND, brown, fine to medium, well graded, rare gravel, moist to wet, loose.
26.0							

NOTES:
TD Drilled 26 feet. TD sampled 26 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-2

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
0						SM	0.3 0-0.3' CONCRETE
5				1010	1		4-6' SILTY SAND, dark reddish brown, very fine sand, moderately moist, loose.
10				1015	1		9-11' SILTY SAND, dark brown, very fine sand, wet, loose.
15				1020	1	SP	14.5 14-14.5' SILTY SAND, dark brown, very fine, poorly graded, wet, loose. 14.5-16' SAND, blackish brown, fine to medium, poorly graded, sub angular, moderate moisture, loose.
20				1025	14	SM	19-21' SAND, whitish black, fine to medium, poorly graded, sub angular, moderate moisture, loose. 21.0
25				1030	2		24-26' SILTY SAND, brown, rare clay, dry, loose. 26.0

NOTES:
TD Drilled 26 feet. TD sampled 26 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-3

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						SM	0-0.7' CONCRETE
0.7							
5				1120	0.4		4-6' SILTY SAND, reddish brown, very fine sand, moist, loose.
6.0						SP	
10				1130	1.7		9-11' SAND, dark brown, fine, poorly graded, angular, moist, loose.
15				1140	1.3		14-16' SAND, brown, medium to fine, poorly graded, angular, moderately moist, loose.
20				1150	2.2		19-21' SAND, dark brown, medium, poorly graded, moist, loose.
25				1200	1.3		24-26' SAND, brown, medium to coarse, poorly graded, moderately moist, loose.
26.0							

NOTES:
TD Drilled 26 feet. TD sampled 26 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-4

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						ML	0-0.7' CONCRETE
0.7							
5				1230	1		4-6' SILT, reddish brown, rare clay, moderately moist, loose.
6.0						SP	
10				1240	1		9-11' SAND, dark brown, fine, poorly graded, angular, moist, loose.
15				1250	0.8		14-16' SAND, brown, fine to medium, poorly graded, angular, moderately moist, loose.
20				1300	1.3		19-21' SAND, brown, medium to coarse, poorly graded, moderately moist, loose.
25				1320	1.0		24-26' SAND, brown, coarse, poorly graded, dry, loose.
26.0							

NOTES:
TD Drilled 26 feet. TD sampled 26 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-5

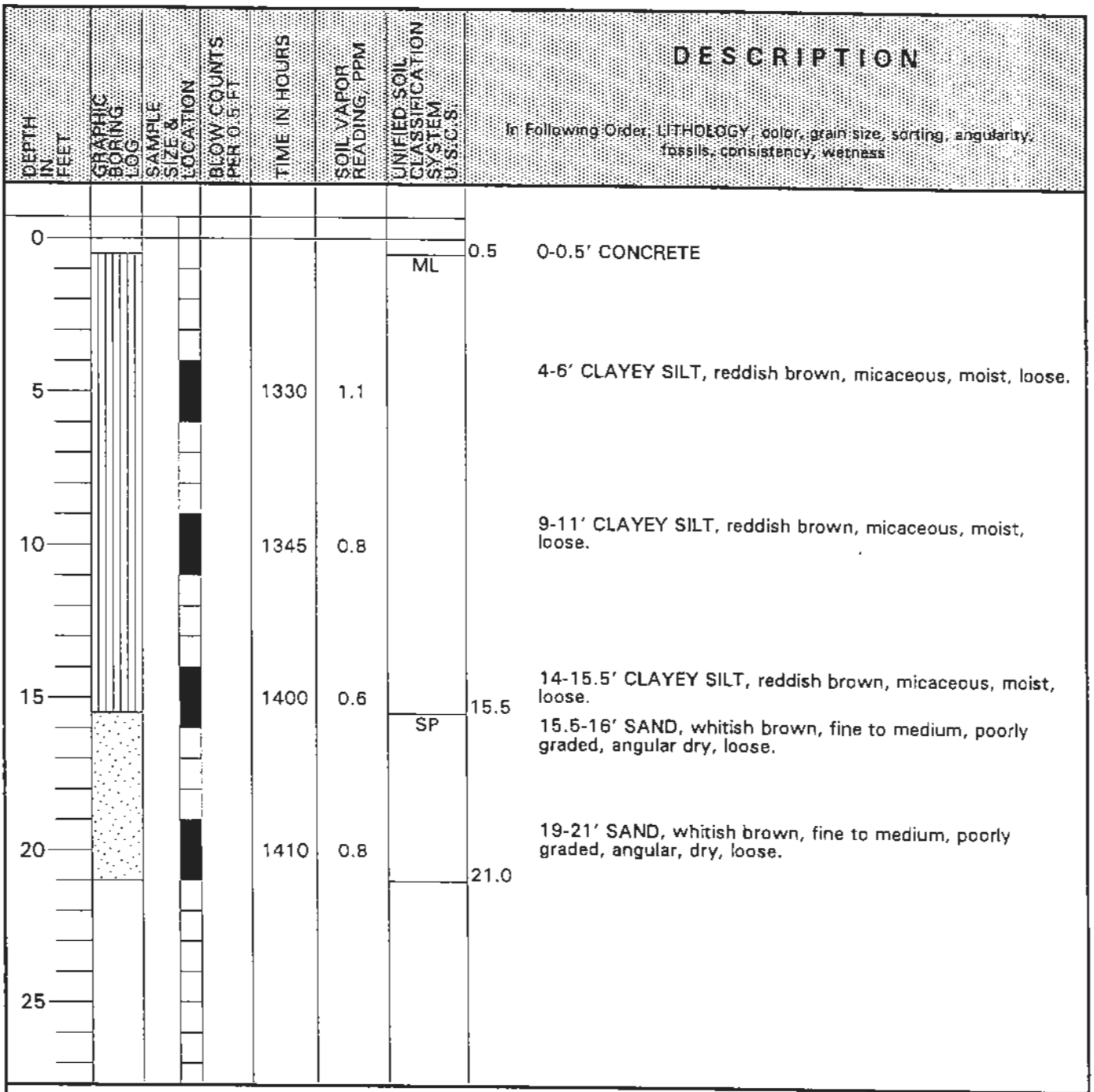
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94



NOTES:
TD Drilled 21 feet. TD sampled 21 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-6

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/29/94 COMPLETION DATE: 11/29/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						ML	0-0.3' ASPHALT
0.3							
5				1500	7.2		4-6' CLAYEY SILT, reddish brown, micaceous, moist, dense.
10				1510	6.4		9-11' CLAYEY SILT, brown, moist, moderately dense, slight odor.
15				1520	3.8		14-15.5' SILT, brown, rare clay, rare sand, moist, loose, odor.
15.5						SP	15.5-16' SAND, whitish black brown, fine to medium, poorly graded, angular, moderately moist, loose, odor.
20				1530	3		19-21' SAND, whitish black brown, fine to medium, poorly graded, angular, moderately moist, loose.
25				1540	9		24-26' SAND, whitish brown, fine to medium, poorly graded, angular, dry, loose.
26.0							

NOTES:
TD Drilled 26 feet. TD sampled 26 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/29/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-7

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 21.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0				0740	0.9	CL	0-0.3' ASPHALT 0.3-4' SILTY CLAY, dark brown, mottled black, moderately moist, compact.
5							4-6' SILTY CLAY, reddish brown, moderately moist, compact.
						ML	
				0744	0.9		6-12' SANDY SILT, reddish brown, fine sand, moderately moist, moderately dense.
10							
							12-15.5' SANDY SILT, reddish brown, fine sand, moderately moist, moderately dense.
15				0800	8	SP	15.5-16' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense. 16-24' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense.
20							
				0830	2		24-28' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense.
25							

Continued Next Page

NOTES:
Continous sampling using a macro core to a depth of 32 feet. TD Drilled 50 feet. TD sampled 50 feet. Ground water encountered at approximately 48 feet. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-7

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 21.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
30				0920	2.4		28-30' SAND, whitish black, fine to medium, poorly graded, angular, moderately moist, moderately dense. 30-32' SAND, whitish brown, fine to medium, poorly graded, angular, rare gravel, high quartz content, moderately moist, loose. 32-38' SAND, whitish black, fine to medium, poorly graded, angular, moist, moderately dense.
35							
38.0						SM	38-40' SILTY SAND, brown, fine, micaceous, moist, moderately compact.
40				1000	6.8		
40.0						ML	40-45' CLAYEY SILT, reddish brown, micaceous, moist, dense.
45				1037	6.8		
45.0						CL	45-50' SILTY CLAY, reddish brown, micaceous, saturated, compact, stiff.
50							NOTE: Ground water rose in the borehole to 42-43' as observed on the drive rods.
50.0							

NOTES:
Continous sampling using a macro core to a depth of 32 feet. TD Drilled 50 feet. TD sampled 50 feet. Ground water encountered at approximately 48 feet. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-8

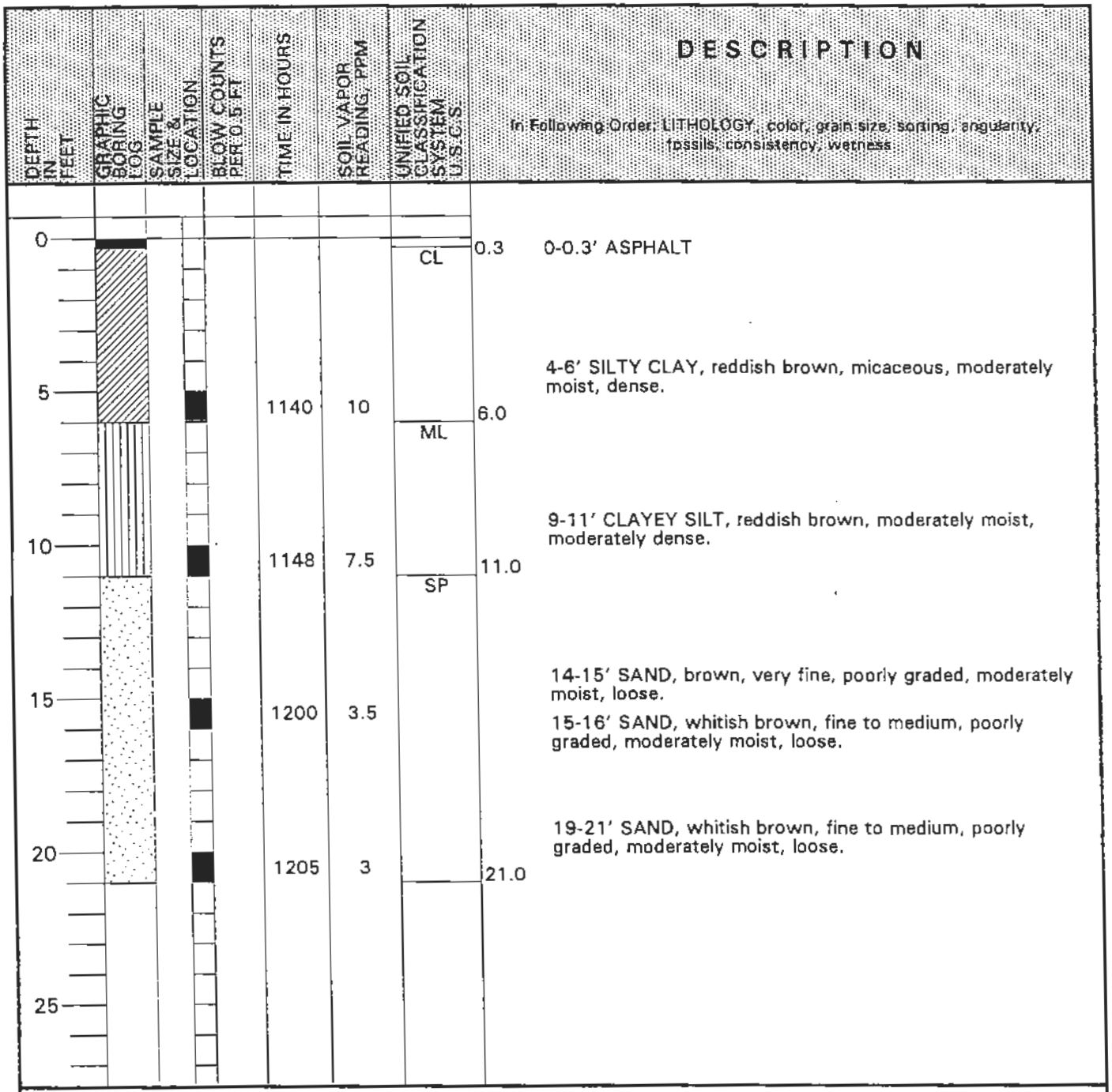
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94



NOTES:
TD Drilled 21 feet. TD sampled 21 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-9

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
0						ML	0-0.3' CONCRETE
0.3							
5				1230	5	CL	4-6' CLAYEY SILT, stained black, moderately moist, dense, strong odor.
6.0							
10				1235	48	ML	9-11' CLAY, stained black, moderately moist, stiff, strong odor.
11.0							
15				1240	30	SP	14-16' CLAYEY SILT, stained black, moderately moist, dense, strong odor.
16.0							
20				1245	20.6		19-21' SAND, stained black, medium, poorly graded, moderately moist, moderately dense.
25				1250	15		24-25.5' SAND, whitish black, medium, poorly graded, moderately moist, moderately dense.
							25.5-26' SAND, brown, medium, poorly graded, moderately moist, moderately dense.

Continued Next Page

NOTES:
TD Drilled 31 feet. TD sampled 31 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-9

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
30				1300	16		29-31' SAND, brown, medium, poorly graded, moderately moist, moderately dense.
						31.0	
35							
40							
45							
50							

NOTES:
TD Drilled 31 feet. TD sampled 31 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: E-9A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			7,8,8,	10:00	0.0		4-5.5 SANDY SILT, rust, fine sand, moist, no odor
						SM	
10			7,8,9	10:05	0.9		9-10.5' SILTY SAND, rust, fine sand, moist, no odor
						SP	
15			7,10,12	10:10	0.0		14-15.5' SAND, tan, fine sand, moist, no odor
20			6,8,10	10:15	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			9,9,10	10:20	0.0		24-25.5' SAND, tan, fine sand, rare fine gravel, moist, no odor
30			10,12,13	10:25	0.0		29-30.5' SAND, tan, fine sand, moist, no odor
						ML	
35			8,9,11	10:30	0.0		34-35.5' VERY SANDY SILT, brown, very fine sand, moist, no odor

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: E-9A
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			8,9,13	10:35	0.0		39-40.5' VERY SANDY SILT, brown, very fine sand, moist, no odor
						CL	
45			8,10,12	10:40	0.0		44-45.5' SILTY CLAY, tan, moist, no odor
50			11,12,13	10:45	0.0		49-50.5' SILTY CLAY, rust, moist, no odor
						SM	
55			10,12,14	10:50	1.2		54-55.5' VERY SILTY SAND, tan, fine sand, moist, no odor
						SP	
60			7,8,9	10:55	0.5		59-60.5' SAND, tan, fine sand, moist, no odor
65			10,11,12	11:00	0.3		64-65.5' SAND, tan, fine sand, moist, no odor
70			7,8,9	11:05	0.0		69-70.5' SAND, tan, fine sand, moist, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-10

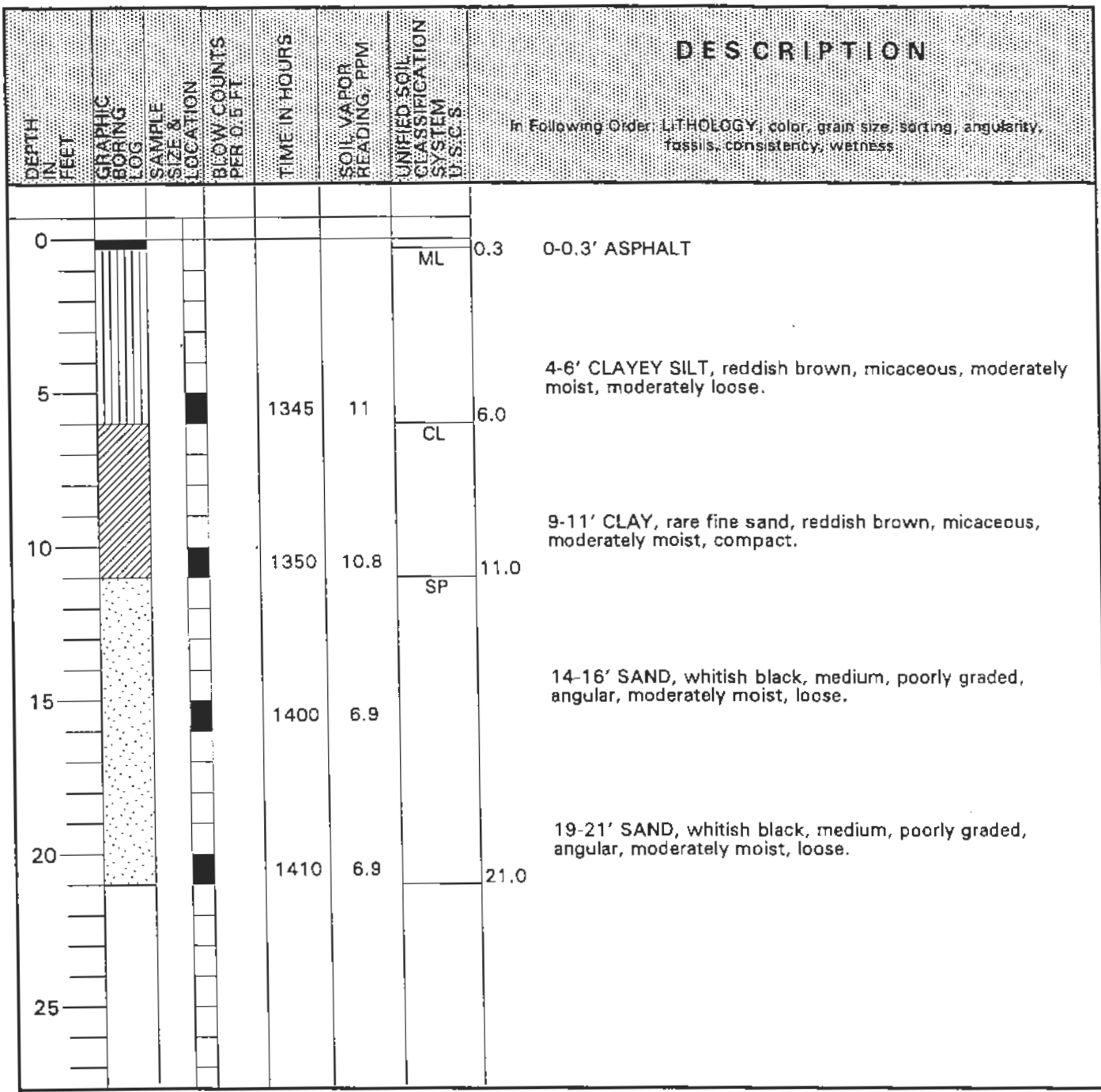
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94



NOTES:
TD Drilled 21 feet. TD sampled 21 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-11

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 F.T	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						CL	0-0.3' ASPHALT
0.3							
5				1420	6.7	ML	4-6' SILTY CLAY, reddish brown, micaceous, moderately moist, compact to very stiff.
6.0							
10				1430	5.3		9-11' CLAYEY SILT, rare fine sand, brown, moderately moist, compact.
15				1440	10		14-16' SANDY SILT, brown, very fine sand, moderately moist, very compact.
16.0							
20							
25							

NOTES:
TD Drilled 16 feet. TD sampled 16 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-12

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT.	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY; color; grain size, sorting, angularity, fossils, consistency, wetness)
0						ML	0-0.5' ASPHALT
0.5							
5				1445	1		4-6' CLAYEY SILT, reddish brown, micaceous, dry, compact.
10				1450	1		9-11' CLAYEY SILT, reddish brown, micaceous, dry, compact.
11.0						SP	
15				1500	9.6		14-16' SAND, whitish black, fine to medium, poorly graded, angular, dry, loose.
20				1510	1		19-21' SAND, whitish black, fine to medium, poorly graded, angular, dry, loose.
21.0							
25							

NOTES:
TD Drilled 21 feet. TD sampled 21 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-14

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.		DESCRIPTION (In Following Order: LITHOLOGY: color, grain size, sorting, angularity, fossils, consistency, wetness)
0						CL	0.3	0-0.3' ASPHALT
5				0720	5.2			4-6' SILTY CLAY, reddish brown, moist, compact, slight odor.
10				0735	6.6			9-11' SILTY CLAY, reddish brown, moist, compact, slight odor.
						SP	11.0	
15				0745	5.0			14-16' SAND, reddish brown, fine to medium, poorly graded, angular, moist, loose, slight odor.
						SW	16.0	
20				0755	6.0			19-21' SAND, light brown, well graded, moist, loose, musty odor.
25				0810	5.7			24-26' SAND, light brown, well graded, moist, loose, musty odor.
						SP	26.0	

Continued Next Page

NOTES:
TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-14

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
30				0830	6.7	CL	29-31' SAND, light brown, fine to medium, rare gravel, moderately moist, moderately compact.
							31.0
							31-36' SILTY CLAY, brownish yellow, moist, dense.
35				0845	7.8	SP	
							36.0
							39-41' SAND, light brown, fine to medium, poorly graded, angular, moist, loose.
40				0920	5.0		
							44.0
						CL	44-46' CLAY, brownish green, rare fine sand, very moist, moderately dense.
45				0950	6.7		
							46.0
50							

NOTES:
TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-15

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0						CL	0-0.3' ASPHALT
0.3							
5				1015	9.2		4-6' SILTY CLAY, reddish brown, moist, very compact.
10				1030	4.6		9-11' SILTY CLAY, reddish brown, moist, loose.
11.0						SP	
15				1040	5.2		14-16' SAND, reddish brown, fine to medium, poorly graded, angular, moist, loose.
20				1055	4.9		19-21' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.
25				1120	8.3		24-26' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.

Continued Next Page

NOTES:
TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-15

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
30				1140	8.2	CL	29-31' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.
31.0							
35				1205	10.4		34-39' SILTY CLAY, grayish brown, moist, dense.
39.0						SP	39-41' SAND, light brown, fine to medium, poorly graded, angular, rare gravel, moist, loose.
40				1230	6.8		
42.0						CL	44-46' CLAY, brownish green, rare fine sand, very moist, dense.
45				1300	1		
46.0							
50							

NOTES:
TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-16

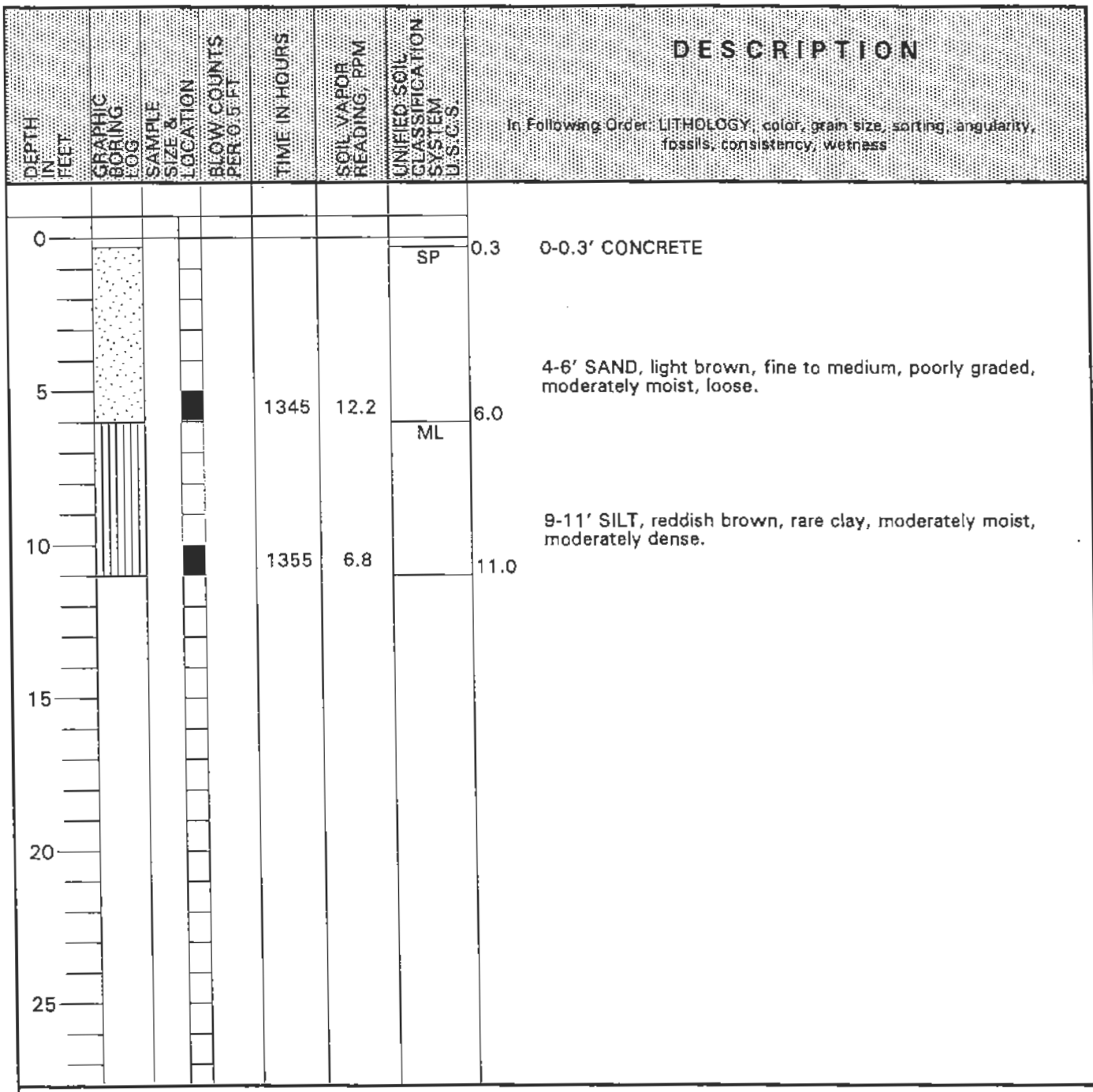
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94



NOTES:
TD Drilled 11 feet. TD sampled 11 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-17

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION (In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness)
0							
						CL	0-0.5' CONCRETE
0.5							
5				1405	8.6	SM	4-6' SILTY CLAY, reddish brown, micaceous, moderately moist, dense.
6.0							
10				1415	4.2	SP	9-11' SILTY SAND, reddish brown, fine sand, moderately moist, moderately dense.
11.0							
15				1420	6		14-16' SAND, brown, very fine, poorly graded, moderately moist, loose.
20				1430	6.2		19-21' SAND, brown, medium, poorly graded, moderately moist, loose.
21.0							
25							

NOTES:
TD Drilled 21 feet. TD sampled 21 feet. No ground water encountered. No caving.

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras EAI PROJECT NO.: 1576 DRILL HOLE: MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling TYPE OF RIG: CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger DRIVE WEIGHT: 140 lbs. at 30"
HOLE DIAMETER: 8 inches REFERENCE OR DATUM: Ground Surface
START DATE: October 3, 1995 COMPLETION DATE: October 3, 1995
LOGGED BY: SAB APPROVED BY: EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
0-0.3"					ASPHALT
4-5.5'	9/15/18	08:25	95	CL	SILTY CLAY, reddish brown, moist, slight hydrocarbon odor.
9-10.5'	3/7/6	08:30	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
14-15.5'	5/10/15	08:35	25	SP	SAND, tan, fine to medium, moist, slight hydrocarbon odor.
19-20.5'	6/25/19	08:40	98	SP	SAND, tan, fine to medium, moist, no hydrocarbon odor.
24-25.5'	18/30/50	08:45	95	SP	SAND, tan, coarse, some gravel, moist, no hydrocarbon odor.
29-30.5'	23/31/47	08:50	110	SP	SAND, reddish brown, coarse, some gravel, moist, no hydrocarbon odor.
34-35.5'	20/36/37	08:55	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
40-40.5'	7/31/50	09:05	110	SP	SAND, tan, coarse, some gravel, saturated, no hydrocarbon odor.
44-45.5'	6/9/11	09:10	95	CL	CLAY, brown, some fine sand, saturated, no hydrocarbon odor.

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras EAI PROJECT NO.: 1576 DRILL HOLE: MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling TYPE OF RIG: CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger DRIVE WEIGHT: 140 lbs. at 30"
HOLE DIAMETER: 8 inches REFERENCE OR DATUM: Ground Surface
START DATE: October 3, 1995 COMPLETION DATE: October 3, 1995
LOGGED BY: SAB APPROVED BY: EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
50-55'				SP	SAND, tan, fine, saturated, no hydrocarbon odor.

NOTES: GROUND WATER WAS ENCOUNTERED AT 40 FEET BGS.

THIS BORING WAS CONVERTED IN WELL MW-1 (SEE MW-1 WELL CONSTRUCTION DETAILS FOR SPECIFICS)

ABC STAFF: DAVE MOLANO (DRILLER), CHUCK PARRA AND RAMON SANCHEZ (HELPERS)

THIS BORING LOG REPRESENTS CONDITIONS ONLY AT TIME AND LOCATION INDICATED. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND TIMES.

BHM:WORD:1576-MW1

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras **EAI PROJECT NO.:** 1576 **DRILL HOLE:** MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling **TYPE OF RIG:** CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger **DRIVE WEIGHT:** 140 lbs. at 30"
HOLE DIAMETER: 8 inches **REFERENCE OR DATUM:** Ground Surface
START DATE: October 3, 1995 **COMPLETION DATE:** October 3, 1995
LOGGED BY: SAB **APPROVED BY:** EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
0-0.3"					ASPHALT
4-5.5'	9/15/18	08:25	95	CL	SILTY CLAY, reddish brown, moist, slight hydrocarbon odor.
9-10.5'	3/7/6	08:30	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
14-15.5'	5/10/15	08:35	25	SP	SAND, tan, fine to medium, moist, slight hydrocarbon odor.
19-20.5'	6/25/19	08:40	98	SP	SAND, tan, fine to medium, moist, no hydrocarbon odor.
24-25.5'	18/30/50	08:45	95	SP	SAND, tan, coarse, some gravel, moist, no hydrocarbon odor.
29-30.5'	23/31/47	08:50	110	SP	SAND, reddish brown, coarse, some gravel, moist, no hydrocarbon odor.
34-35.5'	20/36/37	08:55	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
40-40.5'	7/31/50	09:05	110	SP	SAND, tan, coarse, some gravel, saturated, no hydrocarbon odor.
44-45.5'	6/9/11	09:10	95	CL	CLAY, brown, some fine sand, saturated, no hydrocarbon odor.

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras EAI PROJECT NO.: 1576 DRILL HOLE: MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling TYPE OF RIG: CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger DRIVE WEIGHT: 140 lbs. at 30"
HOLE DIAMETER: 8 inches REFERENCE OR DATUM: Ground Surface
START DATE: October 3, 1995 COMPLETION DATE: October 3, 1995
LOGGED BY: SAB APPROVED BY: EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
50-55'				SP	SAND, tan, fine, saturated, no hydrocarbon odor.

NOTES: GROUND WATER WAS ENCOUNTERED AT 40 FEET BGS.

THIS BORING WAS CONVERTED IN WELL MW-1 (SEE MW-1 WELL CONSTRUCTION DETAILS FOR SPECIFICS)

ABC STAFF: DAVE MOLANO (DRILLER), CHUCK PARRA AND RAMON SANCHEZ (HELPERS)

THIS BORING LOG REPRESENTS CONDITIONS ONLY AT TIME AND LOCATION INDICATED. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND TIMES.

BHM:WORD:1576-MW1

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-1D
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 12/7/2009 COMPLETION DATE: 12/7/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
50							
55							NOT LOGGED - SEE LOG FOR WELL MW-1
60			7,8,13	12:05	SP		59-60.5' SAND, tan, fine sand, moist, no odor
65			7,11,12	12:10			64-65.5' SAND, tan, fine sand, moist, no odor
70			6,11,13	12:15			69-70.5' SAND, tan, fine sand, moist, no odor
75			6,8,11	12:20			74-75.5' SLIGHTLY SILTY SAND, olive, fine sand, saturated, no odor
80			5,7,8	12:25			79-80.5' SLIGHTLY SILTY SAND, olive, fine sand, saturated, no odor
85							

NOTES: Well MW-1 was drilled out and replaced by this well (MW-1D)

LOGGED BY: BHM DATE: 12/7/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: MW-2

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Cascade Drilling TYPE OF RIG: Mobile B-61

DRILLING METHOD/EQUIPMENT: HSA HOLE DIAMETER: 8"

DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface

START DATE: 12/23/96 COMPLETION DATE: 12/23/96

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 6"S FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
0						ML	0-3" Asphalt
5			15 20 25	10:00		SM	4'-5.5' SLIGHTLY SANDY SILT, rust, very fine sand, dry.
10			17 22 30	10:05		SP	9'-10.5' VERY SILTY SAND, rust, fine sand, sligtly moist.
15			11 13 17	10:10			14'-15.5' SAND, tan, medium sand, slightly moist.
20			10 14 16	10:15			19'-20.5' SAND, tan, medium sand, slightly moist.
25			20 23 25	10:20		ML	24'-25.5' SAND, tan, medium to fine sand, rare coarse sand, slightly moist.
30			5 7 10	10:25		SM	29'-30.5' CLAYEY SILT, tan to rust, very moist.
35			10 15 25	10:30		SP	34'-35.5' SILTY SAND, tan to rust, medium sand, saturated.
40			8 14 26	10:35			39'-40.5' SAND, tan, medium sand, saturated.
45			15			ML	44'-45.5' SLIGHTLY SANDY CLAYEY SILT, rust to olive,

6.0 12.0 27.0 32.0 37.0 43.9

Continued Next Page

NOTES:
Converted to well MW-2

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: BMH DATE: 12/23/96 APPROVED BY: BHM RG #: 5649

GRAPHIC GEOTECHNICAL BORING LOG

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: MW-2

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Cascade Drilling TYPE OF RIG: Mobile B-61

DRILLING METHOD/EQUIPMENT: HSA HOLE DIAMETER: 8"

DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface

START DATE: 12/23/96 COMPLETION DATE: 12/23/96

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
45		M	20 30	10:40			very fine sand, stiff, saturated.
50			8 15 25	10:45			49'-50.5' SLIGHTLY SANDY CLAYEY SILT, rust to olive, very fine sand, stiff, saturated.
55			23 27 30	10:50		55.5	54'-55.5' SLIGHTLY SANDY CLAYEY SILT, rust, fine sand, saturated.
60							
65							
70							
75							
80							
85							
90							

NOTES:
Converted to well MW-2

ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: BMH DATE: 12/23/96 APPROVED BY: BHM RG #: 5649

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			8,10,11	8:00	0.0		4-5.5' SLIGHTLY SANDY CLAYEY SILT, rust, very fine sand, slightly moist, no odor
						SM	
10			8,12,13	8:05	0.0		9-10.5' SILTY SAND, reddish brown, fine sand, moist, no odor
						SP	
15			9,11,11	8:10	0.0		14-15.5' SAND, tan, fine sand, moist, no odor
20			9,14,14	8:20	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			9,14,14	8:25	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
						ML	
30			10,12,14	8:30	0.0		29-30.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
35			13,14,15	8:35	0.0		34-35.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
						SP	

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			10,12,12	8:40	0.0		39-40.5' SAND, tan, fine to medium sand, moist, no odor
						CL	
45			5,14,14	8:45	0.0		44-45.5' SLIGHTLY SANDY SILTY CLAY, brown, very fine sand, very moist, no odor
						ML	
50			12,14,16	8:50	0.0		49-50.5' SANDY CLAYEY SILT, rust, very fine sand, very moist, no odor
						SM	
55			12,14,17	8:55	0.0		54-55.5' VERY SILTY SAND, olive brown, fine sand, very moist, no odor
						SP	
60			10,14,16	9:00	0.0		59-60.5' SAND, tan, fine sand, very moist, no odor
65			11,12,14	9:05	0.0		64-65.5' SAND, tan, fine sand, saturated, no odor
70			8,10,12	9:10	0.0		69-70.5' SAND, tan, fine sand, saturated, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-4
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			10,10,10	11:05	0.0		4-5.5' VERY SANDY SILT, rust, fine sand, moist, no odor
						SM	
10			7,10,12	11:10	0.0		9-10.5' VERY SILTY SAND, rust, fine sand, moist, no odor
						SP	
15			7,13,14	11:15	0.0		14-15.5' SAND, tan, medium to fine sand, moist, no odor
20			10,12,14	11:20	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			14,15,17	11:25	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
30			14,15,18	11:30	0.0		29-30.5' SLIGHTLY SILTY SAND, brown, coarse to fine sand, moist, no odor
35			50	11:35	0.0		34-35.5' SLIGHTLY SILTY SAND, brown, coarse to fine sand, very moist, no odor
						GW	

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-4
SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			7,10,15	11:40	0.0		39-40.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
45			12,13,15	11:45	0.0		44-45.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
50			50	11:50	NES		49-50.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
55			13,14,17	11:55	0.0	ML	54-55.5' VERY SANDY CLAYEY SILT, olive, coarse to fine sand, very moist, no odor
60			13,14,17	12:00	0.0	SP	59-60.5' SILTY SAND, brown, fine sand, moist, no odor
65			10,14,15	12:05	0.0		64-65.5' SAND, tan, fine sand, very moist, no odor
70			18,20,27	12:10	0.0		69-70.5' SAND, tan, fine sand, saturated, no odor
75			12,13,15	13:00	0.0		74-75.5' SAND, tan, fine sand, saturated, no odor
			8,10,12	13:05	0.0		79-80.5' SAND, tan, fine sand, saturated, no odor

NOTES: NES = Not Enough Sample

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
Subsurface conditions may differ at other locations and times.

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras **EAI PROJECT NO.:** 1576 **DRILL HOLE:** MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling **TYPE OF RIG:** CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger **DRIVE WEIGHT:** 140 lbs. at 30"
HOLE DIAMETER: 8 inches **REFERENCE OR DATUM:** Ground Surface
START DATE: October 3, 1995 **COMPLETION DATE:** October 3, 1995
LOGGED BY: SAB **APPROVED BY:** EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
0-0.3"					ASPHALT
4-5.5'	9/15/18	08:25	95	CL	SILTY CLAY, reddish brown, moist, slight hydrocarbon odor.
9-10.5'	3/7/6	08:30	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
14-15.5'	5/10/15	08:35	25	SP	SAND, tan, fine to medium, moist, slight hydrocarbon odor.
19-20.5'	6/25/19	08:40	98	SP	SAND, tan, fine to medium, moist, no hydrocarbon odor.
24-25.5'	18/30/50	08:45	95	SP	SAND, tan, coarse, some gravel, moist, no hydrocarbon odor.
29-30.5'	23/31/47	08:50	110	SP	SAND, reddish brown, coarse, some gravel, moist, no hydrocarbon odor.
34-35.5'	20/36/37	08:55	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
40-40.5'	7/31/50	09:05	110	SP	SAND, tan, coarse, some gravel, saturated, no hydrocarbon odor.
44-45.5'	6/9/11	09:10	95	CL	CLAY, brown, some fine sand, saturated, no hydrocarbon odor.

LITHOLOGIC BORING LOG

CLIENT: Larry Patsouras **EAI PROJECT NO.:** 1576 **DRILL HOLE:** MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670
DRILLING CO: ABC Liovin Drilling **TYPE OF RIG:** CME 75
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger **DRIVE WEIGHT:** 140 lbs. at 30"
HOLE DIAMETER: 8 inches **REFERENCE OR DATUM:** Ground Surface
START DATE: October 3, 1995 **COMPLETION DATE:** October 3, 1995
LOGGED BY: SAB **APPROVED BY:** EHL RCE NO. 24274

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
50-55'				SP	SAND, tan, fine, saturated, no hydrocarbon odor.

NOTES: GROUND WATER WAS ENCOUNTERED AT 40 FEET BGS.

THIS BORING WAS CONVERTED IN WELL MW-1 (SEE MW-1 WELL CONSTRUCTION DETAILS FOR SPECIFICS)

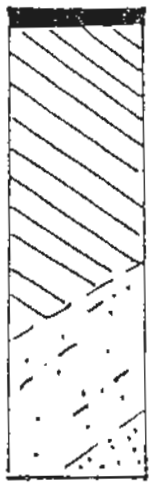
ABC STAFF: DAVE MOLANO (DRILLER), CHUCK PARRA AND RAMON SANCHEZ (HELPERS)

THIS BORING LOG REPRESENTS CONDITIONS ONLY AT TIME AND LOCATION INDICATED. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND TIMES.

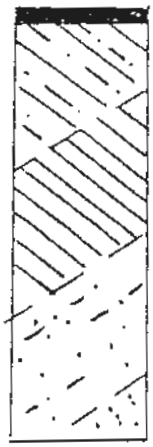
BHM:WORD:1576-MW1

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	8:30 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-1	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

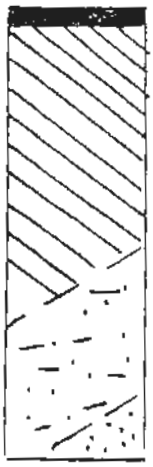
TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	39			Silty clay (CL), reddish brown, dry-moist, hard
NA	NA	ND	40		5	
NA	NA	ND	58		10	Silty fine sand, (SM) brownish yellow, dry, very dense
NA	NA	ND	94		15	Sand, medium (SP), light brown, dry, very dense
						TD @ 15'
						No Groundwater
					20	



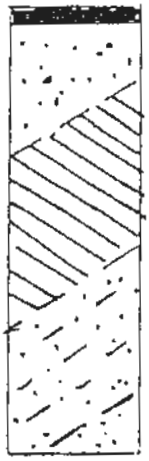
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	9:15 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-2	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	<3.0	ND	34		0	@3" asphalt Clayey silt (ML), dark gray and reddish brown, moist, dense
NA	NA	ND	44		5	Silty clay (CL), reddish brown, dry-moist, hard
NA	NA	ND	67		10	Silty fine sand (SM), reddish brown, dry, very dense
NA	NA	ND	80		15	Sand, medium (SP), light brown, moist, very dense
						TD @ 15' No Groundwater
					20	

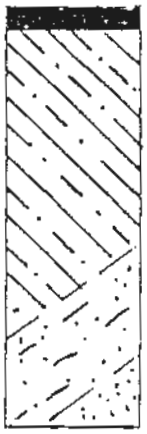
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	10:45 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-3	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	<3.0	ND	79		0	@3" asphalt Silty clay (CL), reddish brown, dry-moist, hard
NA	NA	ND	114		5	
NA	NA	ND	33		10	Silty fine sand (SM) yellowish brown, dry - moist, dense
NA	NA	ND	30		15	Sand, fine (SP), light brown, moist, medium dense to dense TD @ 15' No Groundwater
					20	

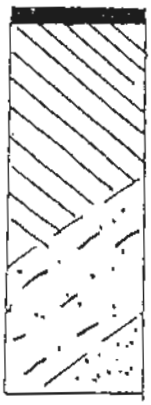
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	11:55 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-4	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0-	@3" asphalt
<0.1	<3.0	ND	120			Sand, fine - crs (SW), yellowish brown, moist, very dense, little clay, few pea gravel
NA	NA	ND	71		5-	Silty clay (CL) yellowish brown, dry - moist, hard, organic odor
NA	NA	ND	79		10-	Silty fine sand (SM), yellowish brown, dry - moist, very dense
NA	NA	ND	74		15-	Sand, fine (SP), yellowish brown, dry - moist, very dense
						TD @ 15'
						No Groundwater
					20-	

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 4, 1994	6:25
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-5	15'	Discovery	B-6' with 7" HSA	Overcast/Cool

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	9			Clayey silt (ML), reddish brown, moist, loose
NA	NA	ND	NA		5	
NA	NA	ND	24		10	Silty fine sand (SM), reddish brown, moist, medium dense
NA	NA	ND	NA		15	Sand, fine (SP), light brown, dry - moist
						TD @ 15'
						No Groundwater
					20	

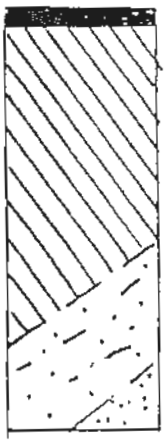
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	7:48
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-6	15'	Discovery	B-6' with 7" HSA	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt Sandy clay (CL), reddish brown, moist, very stiff, plastic
NA	NA	ND	17			
NA	NA	ND	16		5	
<0.1	<3.0	ND	39		10	Silty fine sand (SM), yellowish brown, moist, dense
NA	NA	ND	58		15	Sand, fine (SP), light brown, dry - moist, very dense
						TD @ 15' No Groundwater
					20	

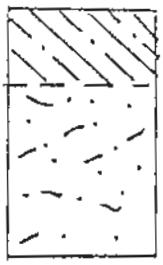
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	8: 40
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-7	35'	Discovery	B-6' with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
NA	NA	ND	20			Sandy clay (CL), reddish brown, moist, very stiff,
NA	NA	ND	22		5	Silty
159	31,330	20.0	22		10	Sandy silt (ML), greenish gray, moist, medium dense, strong hydrocarbon odor
<1.0	12,330	ND	NA		15	Sand, fine - medium (SP), light brown, moist slight hydrocarbon odor
NA	NA	ND	76		20	
<1.0	18,380	ND	120		25	No odor
NA	NA	ND	120		30	
<1.0	11.7	ND	30		35	Silty clay (CL), yellowish brown, moist, very stiff - hard, plastic
						TD @ 35'
						No Groundwater

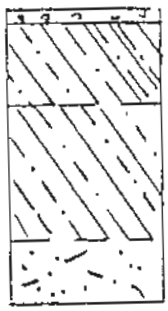
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	11:16
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-8	15'	Discovery	B-61 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	1,440	ND	100		0	Sandy clay (CL), reddish brown, moist, hard, slight hydrocarbon odor
NA	NA	ND	39		5	Hydrocarbon odor
NA	NA	ND	24		10	Silty fine sand (SM), reddish brown, dry, medium dense
NA	NA	ND	39		15	Sand, fine (SP), light brown, dry - moist, dense
						TD @ 15' No Groundwater

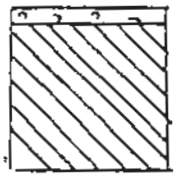
Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	12:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-1	8'	PSI	Hand Auger	Sunny & Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	30,000	ND	NA		0	Sandy silt (ML), dark brown, dark gray, moist, slight hydrocarbon odor @3' silty fine sand, reddish brown, moist
NA	NA	ND	NA		5	
NA	NA	ND	NA		10	TD @ 8' No Groundwater

Property Name	Project #	Client	Date	Time
Burke Street	588-4I008	Tokai Bank	August 3, 1994	14:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-2	10'	PSI	Hand Auger	Sunny & Hot

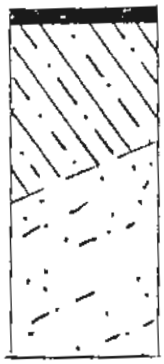
TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
NA	NA	ND	NA		0	@3" concrete Sandy silt (ML), dark brown, moist, dense
NA	NA	ND	NA		5	Silt (ML) reddish brown, moist, dense
<0.1	<3.0	ND	NA		10	Silty fine sand (SM), brown, moist, dense TD @ 10' No Groundwater
					15	

Property Name	Project #	Client	Date	Time
Burke Street	588-4I008	Tokai Bank	August 3, 1994	3:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-3	4.5'	PSI	Hand Auger	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" concrete, approximately 6" of void space beneath concrete
NA	NA	ND	NA			Silty clay (CL), mottled reddish brown and dark gray, moist, very stiff
<0.1	<3.0	ND	NA		5	Refusal, metal obstruction
					10	

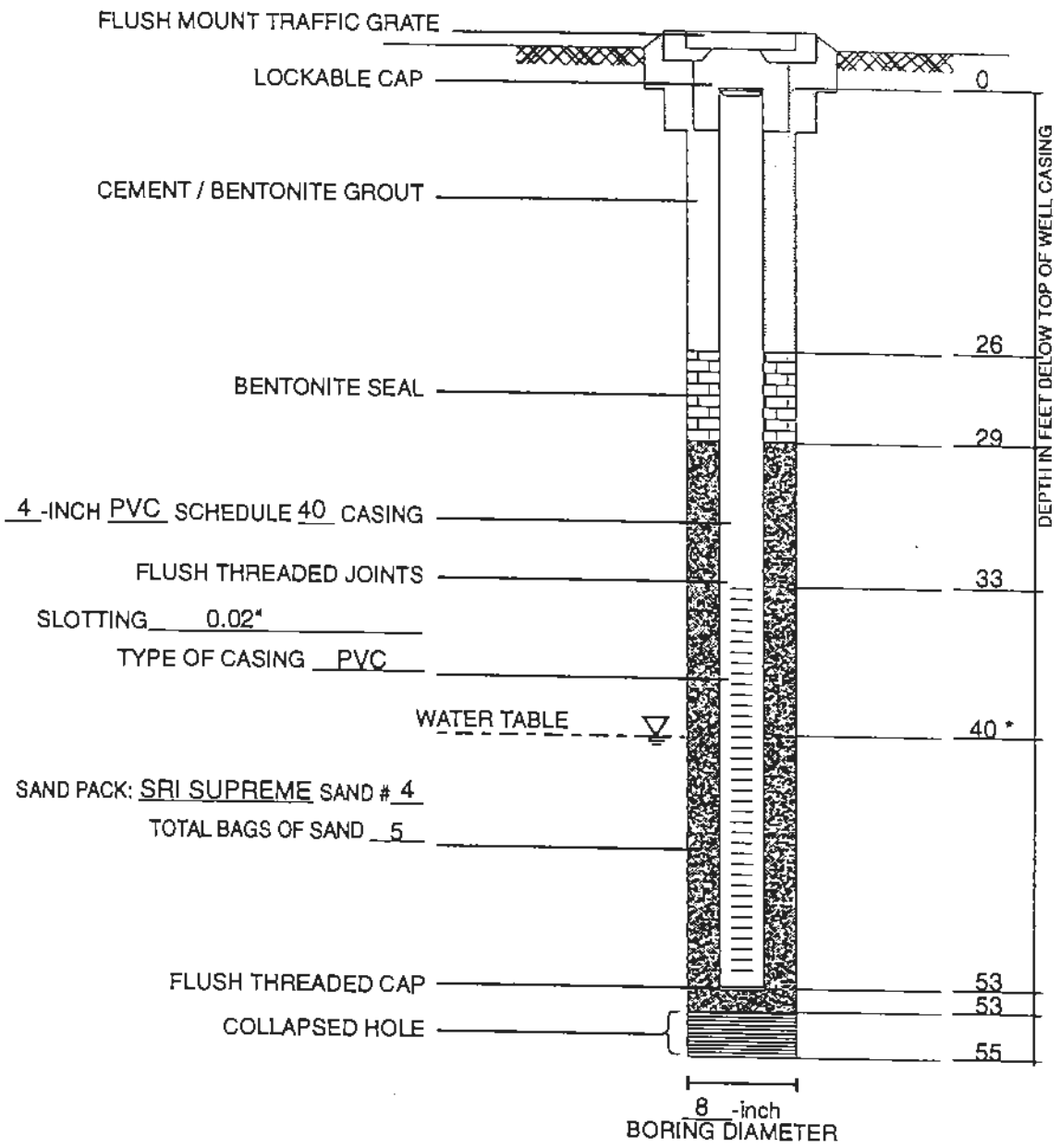
TD @ 4.5'
No Groundwater

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	12:50
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-4	10'	PSI	Hand Auger	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	NA			Sandy silt (ML), reddish brown, moist
NA	NA	ND	NA		5	Silty fine sand (SM), yellowish brown, moist, very dense
NA	NA	ND	NA		10	
						TD @ 10'
						No Groundwater

APPENDIX B

Well Construction Details



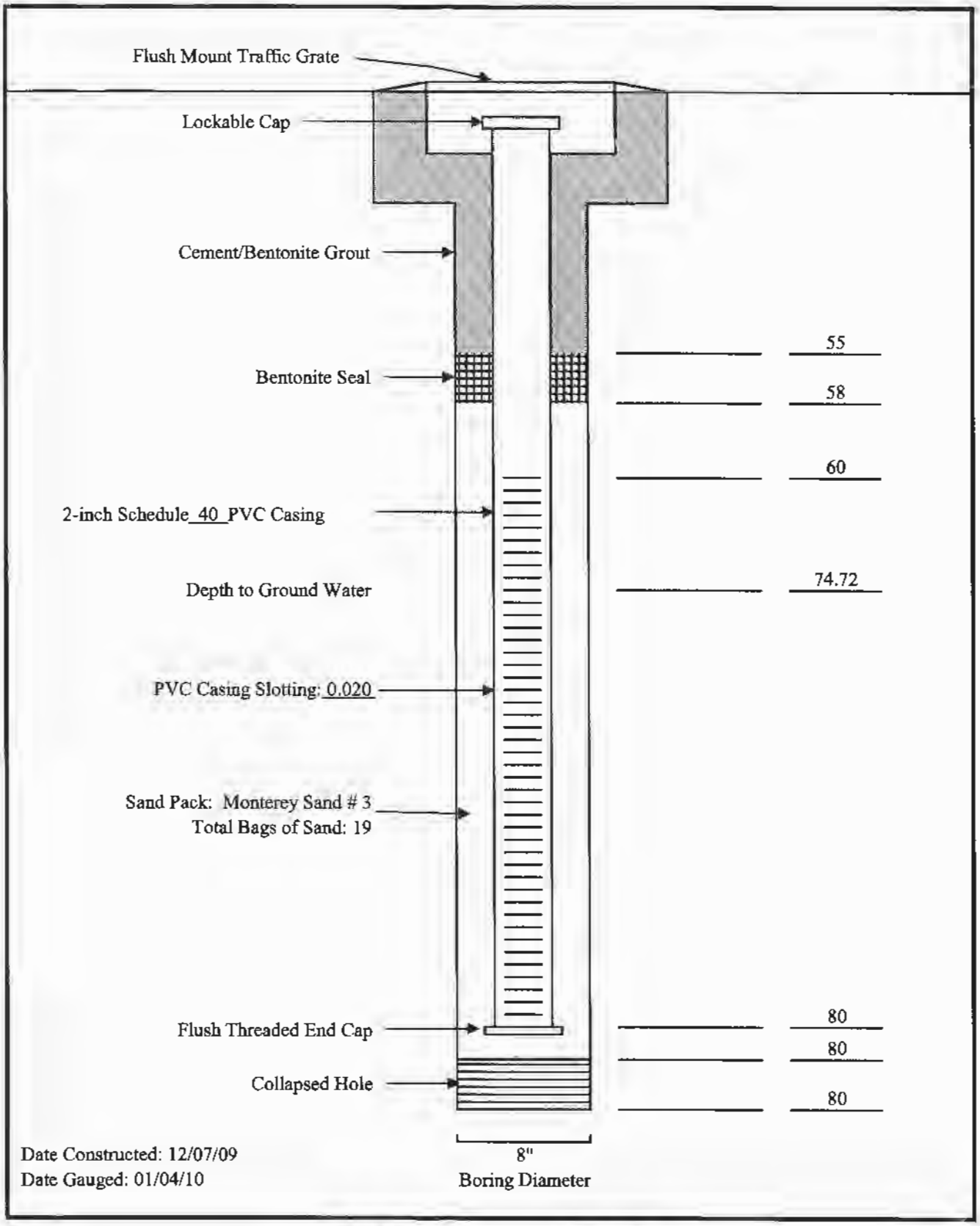
*Ground water was encountered at 40' during drilling.

WELL NO. MW-1
Date Constructed 10/ 03/ 95
Date of Measurements 10/ 03/ 95

ENVIRONMENTAL AUDIT, INC.®

MONITORING WELL CONSTRUCTION DETAIL
11700 Burke Street
Santa Fe Spring, California 90670

Project No. 1576



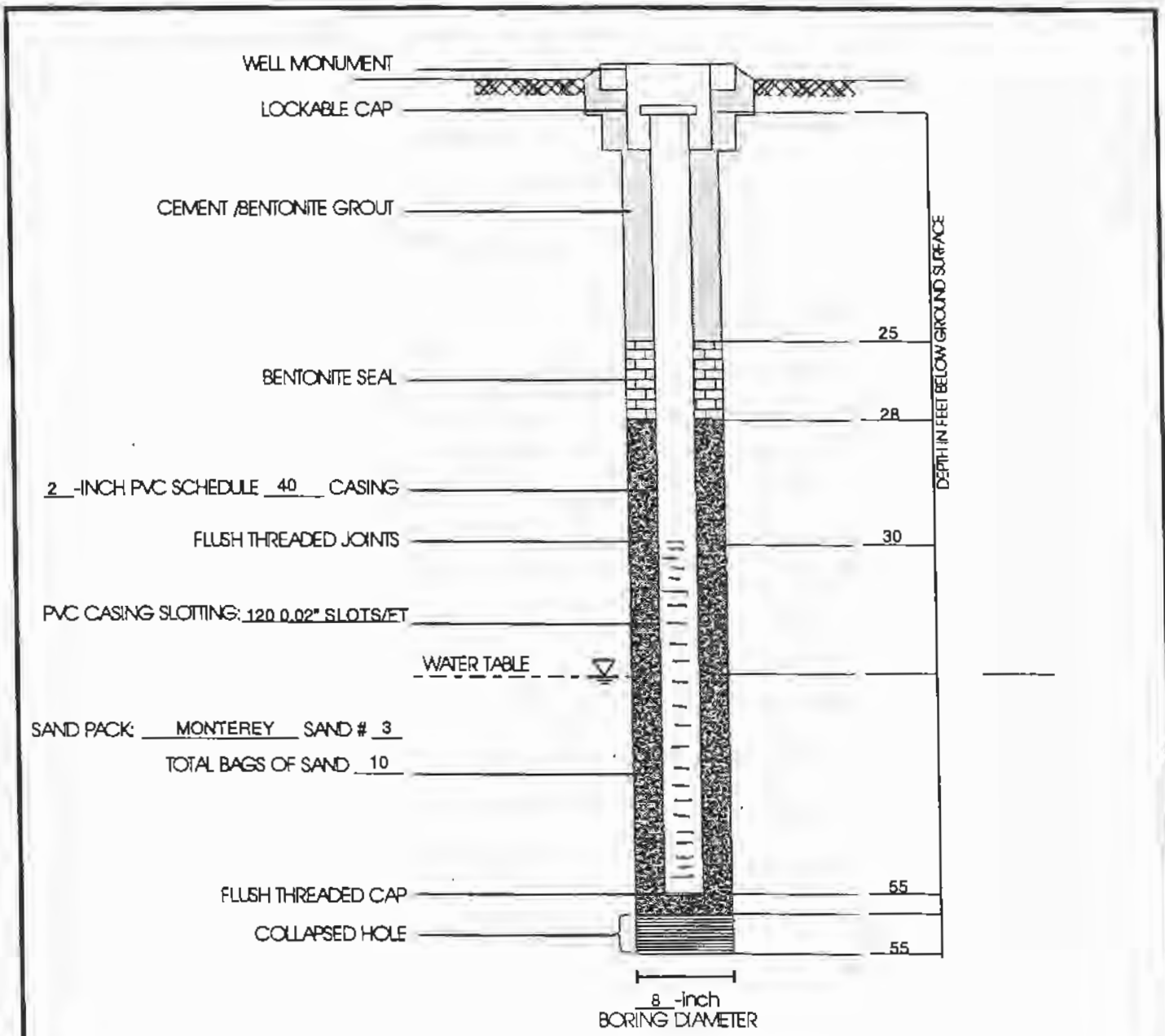
Well Construction Details

MW-1D

11630 - 11750 Burke Street, Santa Fe Springs, CA

Santa Fe Springs, California

EAI Project No. 1576



WELL NO. MW-2
Date Constructed 12 / 23 / 96
Date of Measurements ___/___/___

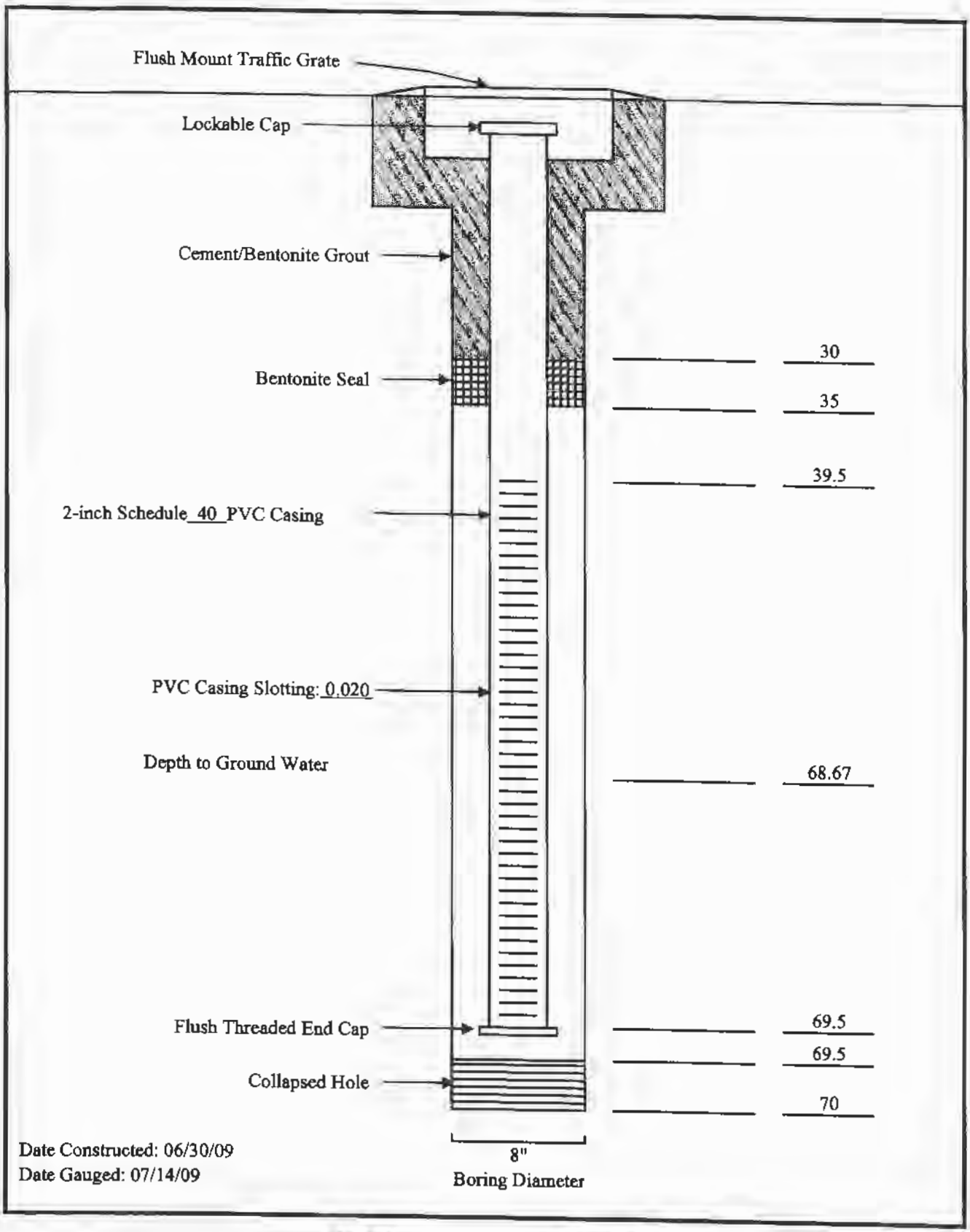
ENVIRONMENTAL AUDIT, INC.

MONITORING WELL CONSTRUCTION DETAIL

11700 Burke Street
Santa Fe Spring, California 90670

Project No. 1576

K:/1576/1576MW2.CDR

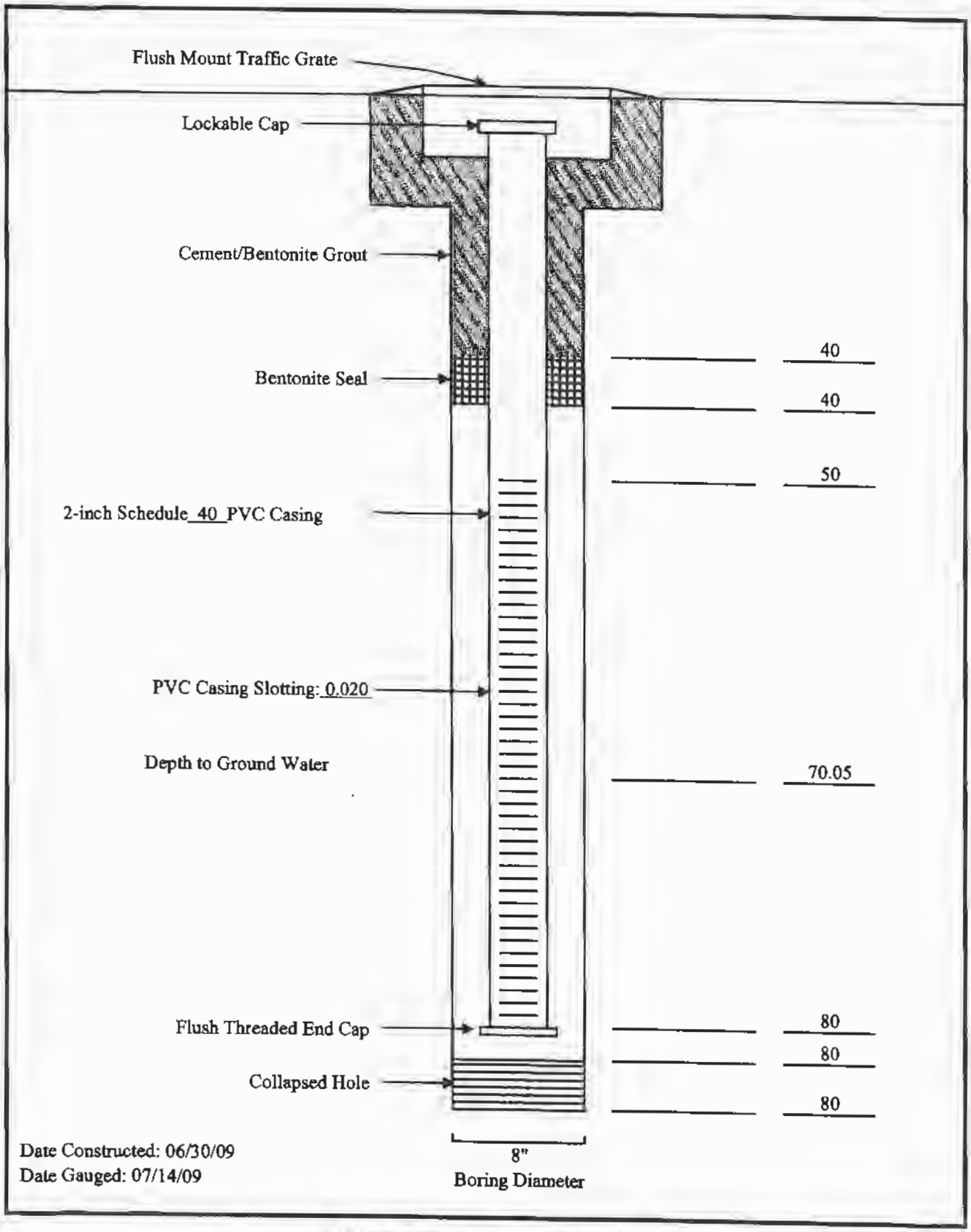


Well Construction Details

MW-3

11630 - 11750 Burke Street, Santa Fe Springs, CA
Santa Fe Springs, California

EAI Project No. 1576



Well Construction Details

MW-4

11630 - 11750 Burke Street, Santa Fe Springs, CA
Santa Fe Springs, California

EAI Project No. 1576